

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081154.D
 Acq On : 21 Aug 2015 19:45
 Operator : UM/IZ
 Sample : G3363-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:30:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60716	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	232061	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	112057	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	214696	20.00	ng	0.00
75) Chrysene-d12	13.67	240	162768	20.00	ng	0.00
86) Perylene-d12	15.00	264	120496	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	480136	118.94	ng	0.03
7) Phenol-d6	6.22	99	646745	122.79	ng	0.01
23) Nitrobenzene-d5	7.13	82	465572	91.65	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	140671	144.82	ng	0.01
44) 2-Fluorobiphenyl	8.93	172	788589	92.21	ng	0.00
78) Terphenyl-d14	12.64	244	734737	96.77	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.13	88	66979	35.21	ng	93
3) Pyridine	2.71	79	117520	21.89	ng	# 78
4) n-Nitrosodimethylamine	2.64	42	112322	37.58	ng	# 77
6) Aniline	6.22	93	96800	12.64	ng	# 1
8) 2-Chlorophenol	6.34	128	195083	44.15	ng	94
9) Benzaldehyde	6.09	77	52519	15.47	ng	94
10) Phenol	6.23	94	271372	43.63	ng	# 73
11) bis(2-Chloroethyl)ether	6.31	93	222436	46.60	ng	99
12) 1,3-Dichlorobenzene	6.73	146	167014	35.18	ng	94
13) 1,4-Dichlorobenzene	6.57	146	172816	36.76	ng	93
14) 1,2-Dichlorobenzene	6.57	146	172816	39.28	ng	97
15) Benzyl Alcohol	6.72	79	187550	44.01	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	397836	42.42	ng	97
17) 2-Methylphenol	6.84	107	154244	40.69	ng	96
18) Hexachloroethane	7.06	117	66545	35.03	ng	# 90
19) n-Nitroso-di-n-propylamine	7.00	70	165719	45.42	ng	88
20) 3+4-Methylphenols	7.00	107	206831	42.98	ng	# 45
22) Acetophenone	6.98	105	300832	49.38	ng	# 86
24) Nitrobenzene	7.14	77	229042	43.12	ng	92
25) Isophorone	7.40	82	426939	45.07	ng	96
26) 2-Nitrophenol	7.46	139	94330	42.70	ng	# 84
27) 2,4-Dimethylphenol	7.52	122	189313	48.45	ng	92
28) bis(2-Chloroethoxy)methane	7.61	93	252685	45.15	ng	99
29) 2,4-Dichlorophenol	7.72	162	160876	48.90	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	158640	43.39	ng	96
31) Naphthalene	7.86	128	531130	41.06	ng	99
32) Benzoic acid	7.66	122	121779	55.40	ng	95
33) 4-Chloroaniline	7.92	127	44783	8.20	ng	93
34) Hexachlorobutadiene	7.99	225	91496	44.25	ng	98
35) Caprolactam	8.30	113	32331	28.12	ng	# 88
36) 4-Chloro-3-methylphenol	8.42	107	199534	50.89	ng	94
37) 2-Methylnaphthalene	8.65	142	344088	42.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	150008	41.49	ng	98
40) Hexachlorocyclopentadiene	8.71	237	85790	45.85	ng	98

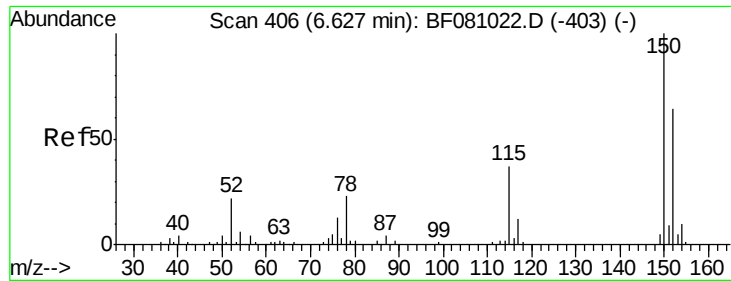
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
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Quant Time: Aug 21 23:30:12 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	102029	39.95	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	110938	43.46	nq	# 89
45) 1,1'-Biphenyl	9.02	154	422569	42.81	nq	95
46) 2-Chloronaphthalene	9.04	162	349005	44.01	nq	96
47) 2-Nitroaniline	9.14	65	150087	46.25	nq	# 84
48) Acenaphthylene	9.45	152	592063	41.74	nq	99
49) Dimethylphthalate	9.34	163	417842	45.28	nq	98
50) 2,6-Dinitrotoluene	9.38	165	82048	41.41	nq	# 62
51) Acenaphthene	9.62	154	347937	40.97	nq	100
52) 3-Nitroaniline	9.54	138	50614	20.41	nq	93
53) 2,4-Dinitrophenol	9.66	184	63124	60.63	nq	# 79
54) Dibenzofuran	9.80	168	512330	45.02	nq	99
55) 4-Nitrophenol	9.73	139	130485	74.93	nq	# 84
56) 2,4-Dinitrotoluene	9.78	165	109334	41.63	nq	# 58
57) Fluorene	10.13	166	360053	41.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	98554	49.88	nq	91
59) Diethylphthalate	10.02	149	400495	41.00	nq	98
60) 4-Chlorophenyl-phenylether	10.13	204	156655	42.29	nq	95
61) 4-Nitroaniline	10.16	138	83782	33.06	nq	93
62) Azobenzene	10.29	77	494845	43.96	nq	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	43588	34.00	nq	# 50
65) n-Nitrosodiphenylamine	10.25	169	342969	44.75	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	101053	47.91	nq	95
67) Hexachlorobenzene	10.68	284	105040	49.18	nq	97
68) Atrazine	10.79	200	115866	54.26	nq	95
69) Pentachlorophenol	10.87	266	112264	87.60	nq	100
70) Phenanthrene	11.08	178	527951	41.49	nq	99
71) Anthracene	11.13	178	567673	45.85	nq	99
72) Carbazole	11.29	167	582381	48.85	nq	100
73) Di-n-butylphthalate	11.64	149	656095	45.48	nq	99
74) Fluoranthene	12.25	202	530543	38.64	nq	92
76) Benzidine	12.38	184	91011	14.80	nq	98
77) Pyrene	12.48	202	615888	46.55	nq	100
79) Butylbenzylphthalate	13.11	149	274932	48.34	nq	# 60
80) Benzo(a)anthracene	13.66	228	462162	42.34	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	124000	35.07	nq	# 94
82) Chrysene	13.69	228	347634	35.34	nq	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	398829	54.74	nq	99
84) Di-n-octyl phthalate	14.29	149	650015	58.70	nq	98
85) Indeno(1,2,3-cd)pyrene	16.19	276	332771	48.18	nq	# 94
87) Benzo(b)fluoranthene	14.68	252	723903	84.93	nq	99
88) Benzo(k)fluoranthene	14.68	252	723903	91.15	nq	# 97
89) Benzo(a)pyrene	14.95	252	348475	46.92	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	282766	48.87	nq	# 93
91) Benzo(g,h,i)perylene	16.54	276	263826	44.94	nq	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

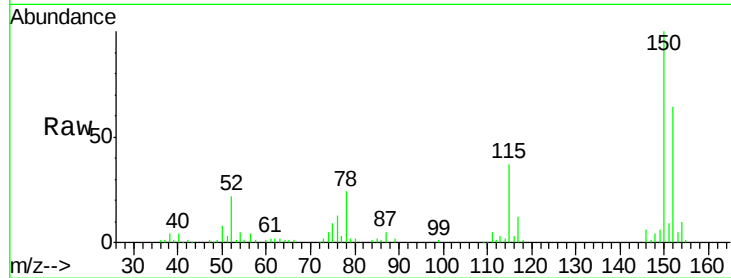
Tot Ion:152 Resp: 60716

Ion Ratio Lower Upper

152 100

150 156.6 123.8 185.6

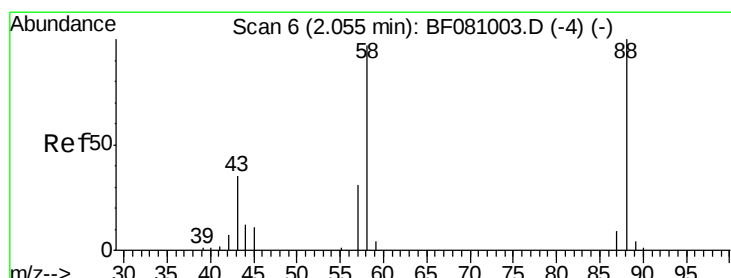
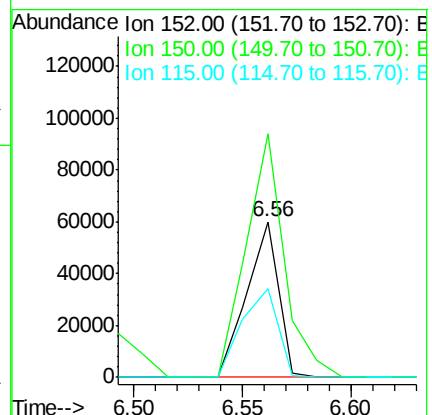
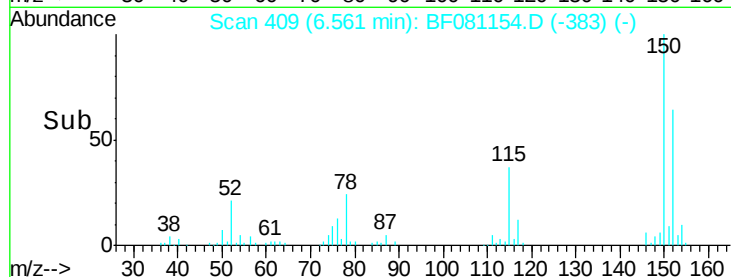
115 57.4 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.21 ng

RT: 2.13 min Scan# 21

Delta R.T. 0.18 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

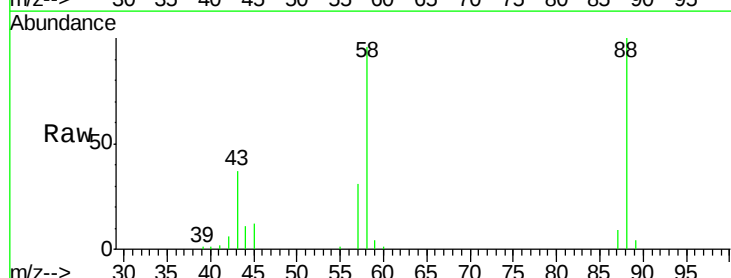
Tgt Ion: 88 Resp: 66979

Ion Ratio Lower Upper

88 100

58 100.8 83.7 125.5

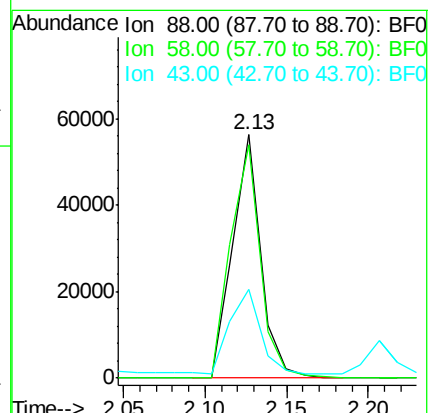
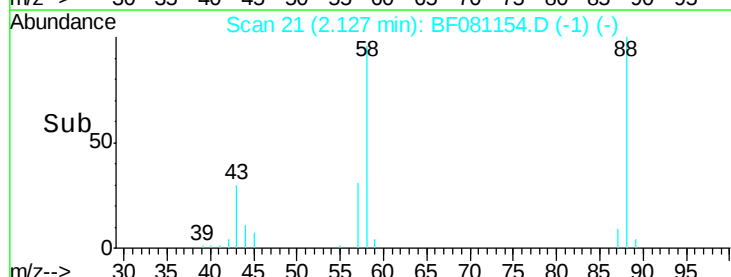
43 38.0 37.5 56.3

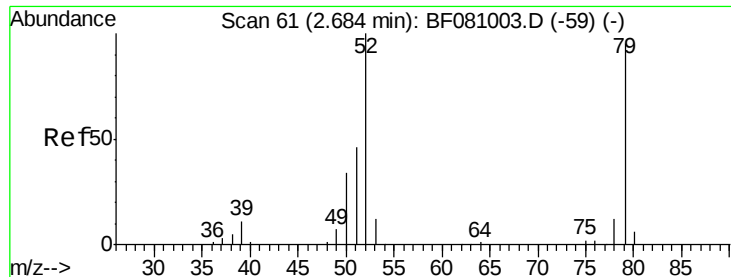


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.89 ng

RT: 2.71 min Scan# 72

Delta R.T. 0.15 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

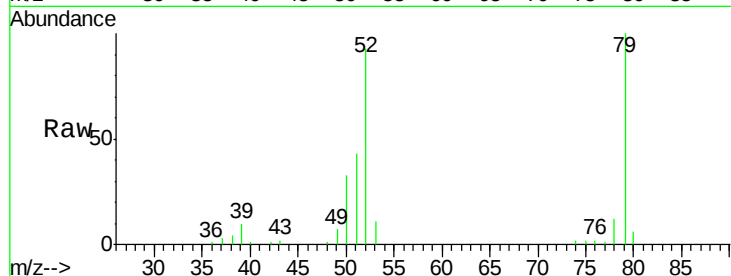
Tot Ion: 79 Resp: 117520

Ion Ratio Lower Upper

79 100

52 93.2 95.1 142.7#

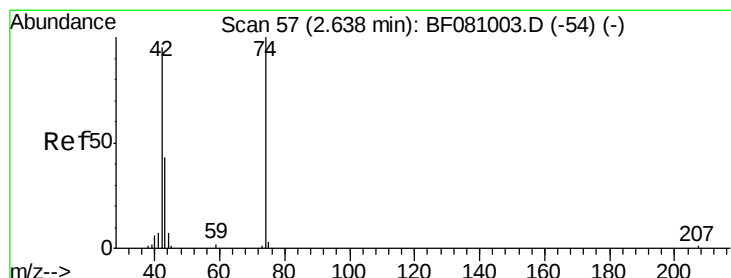
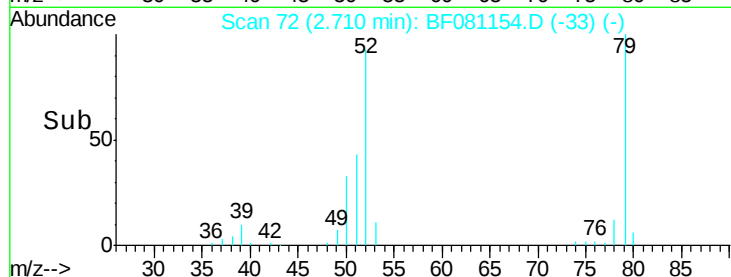
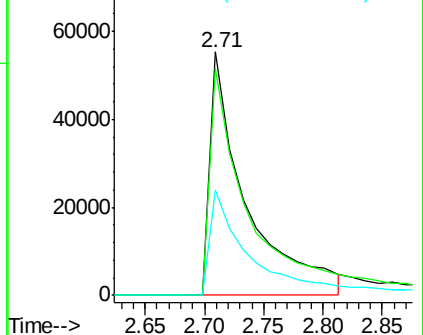
51 43.4 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.58 ng

RT: 2.64 min Scan# 66

Delta R.T. 0.13 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

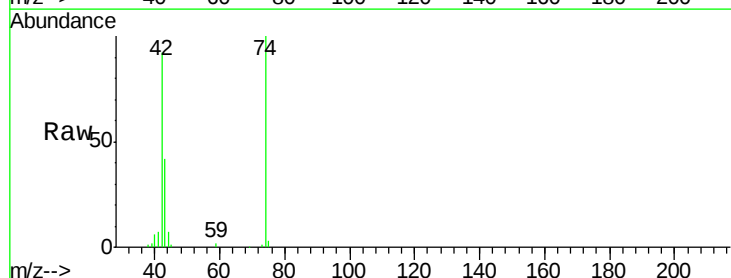
Tgt Ion: 42 Resp: 112322

Ion Ratio Lower Upper

42 100

74 109.1 69.3 103.9#

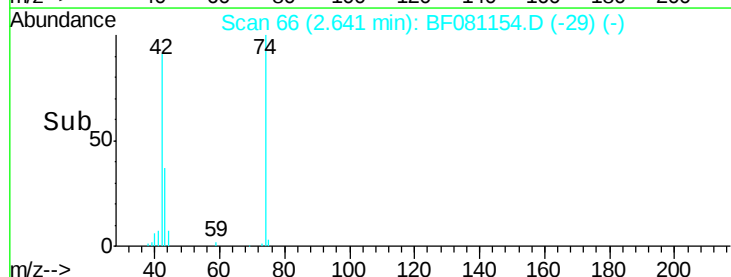
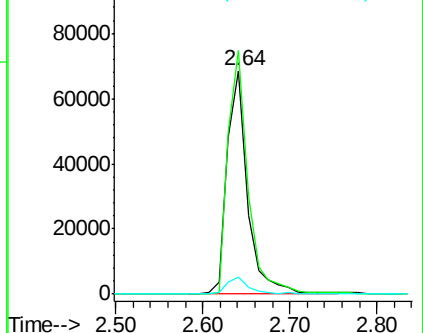
44 7.9 5.5 8.3

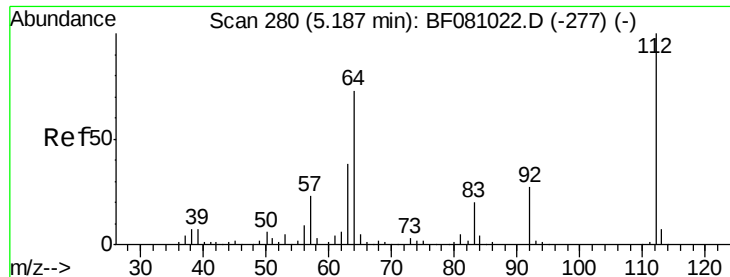


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.94 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.03 min

Lab File: BF081154.D

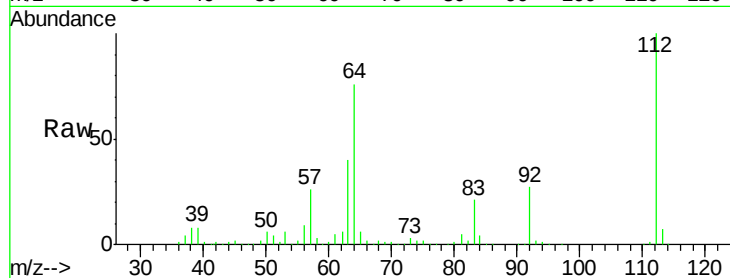
Acq: 21 Aug 2015 19:45

Instrument :

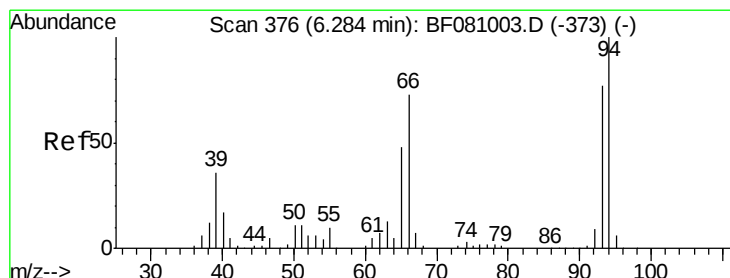
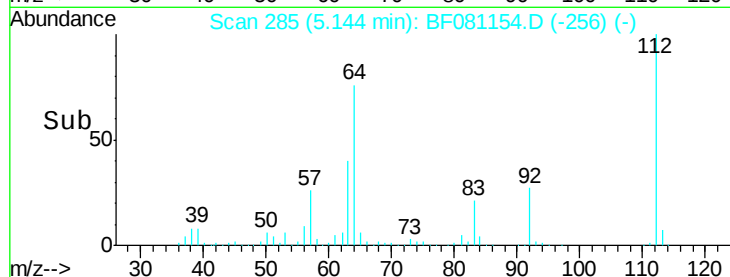
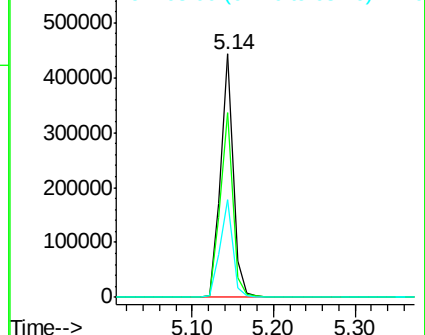
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	480136
Ion	Ratio	Lower	Upper
112	100		
64	76.0	66.9	100.3
63	40.1	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.64 ng

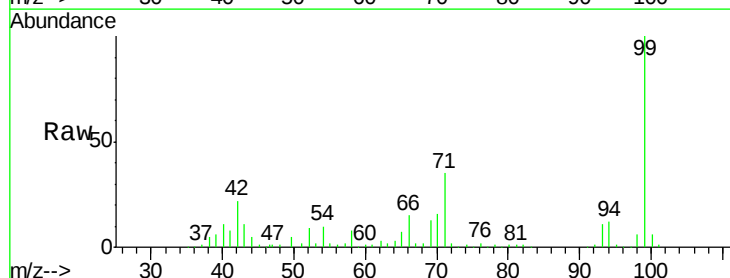
RT: 6.22 min Scan# 379

Delta R.T. -0.00 min

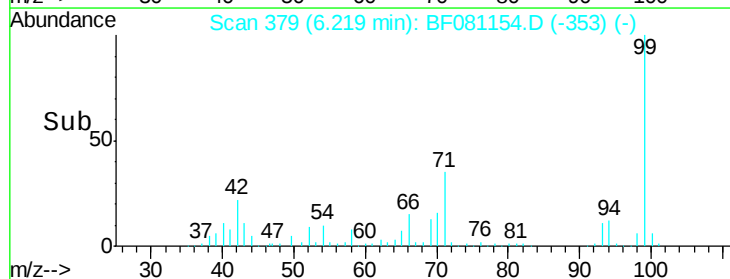
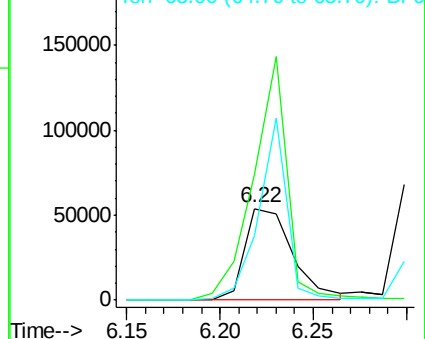
Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	93	Resp:	96800
Ion	Ratio	Lower	Upper
93	100		
66	137.7	35.6	53.4#
65	70.0	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.79 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

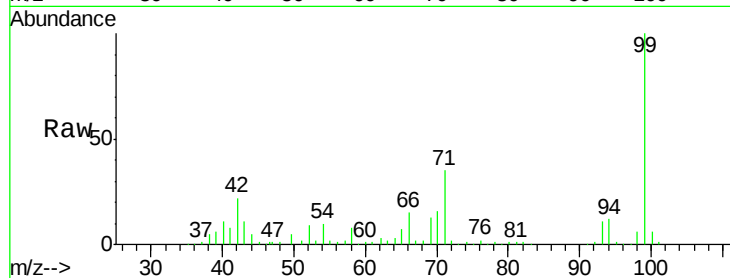
Tot Ion: 99 Resp: 646745

Ion Ratio Lower Upper

99 100

42 21.7 19.6 29.4

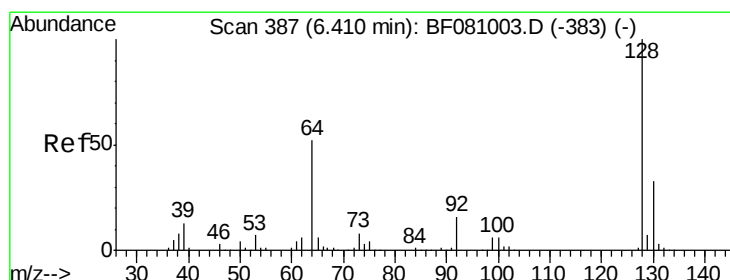
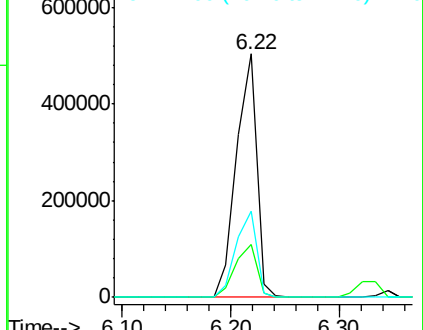
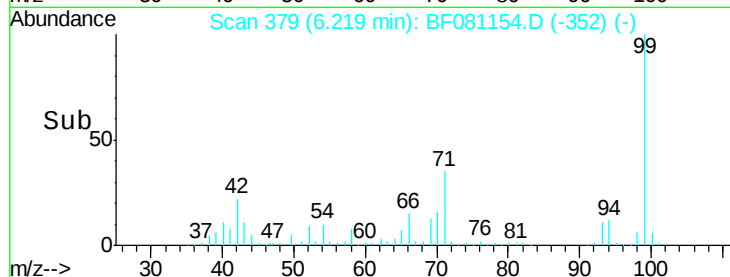
71 35.2 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.15 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

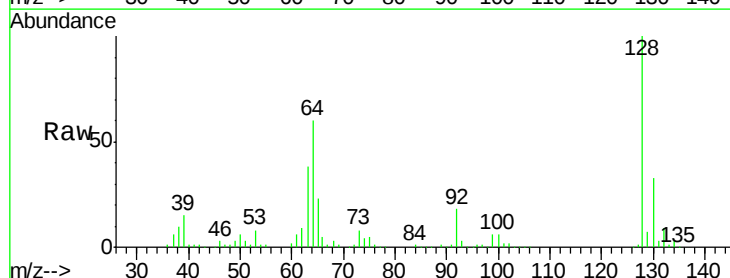
Tgt Ion: 128 Resp: 195083

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

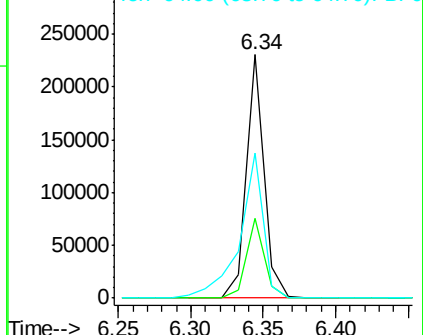
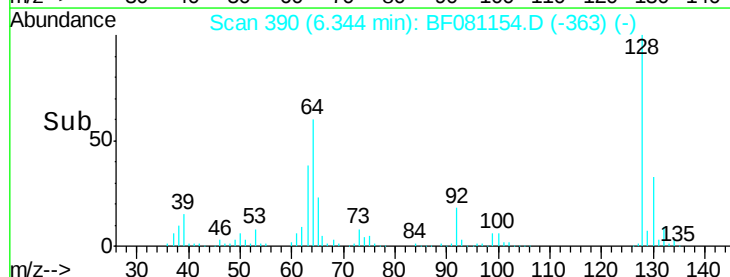
64 59.8 46.8 86.8

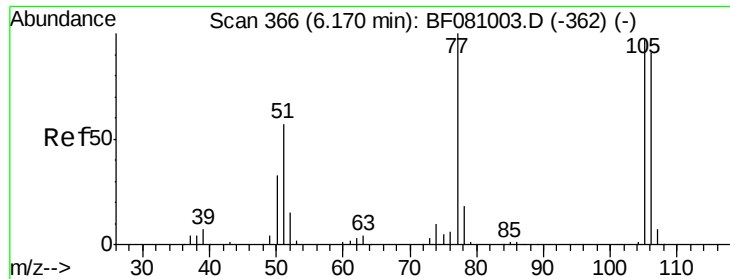


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

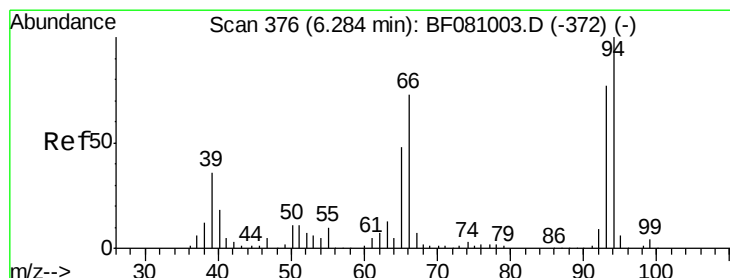
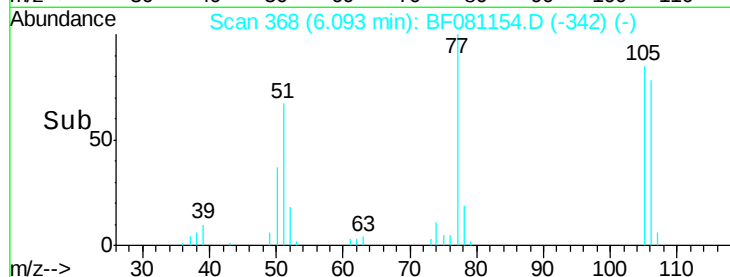
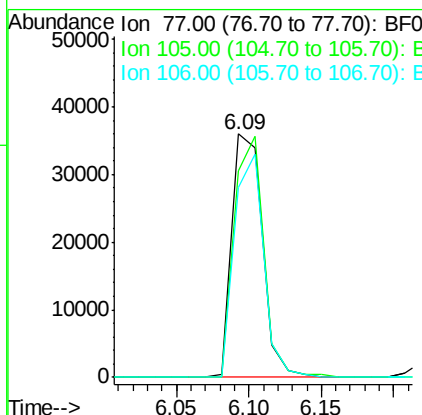
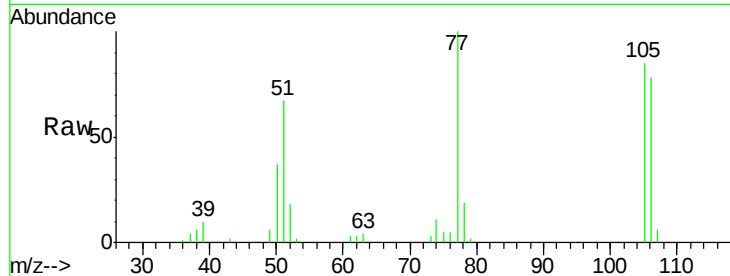




#9
Benzaldehyde
Concen: 15.47 ng
RT: 6.09 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

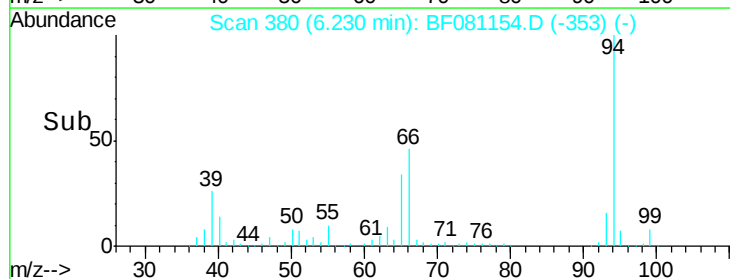
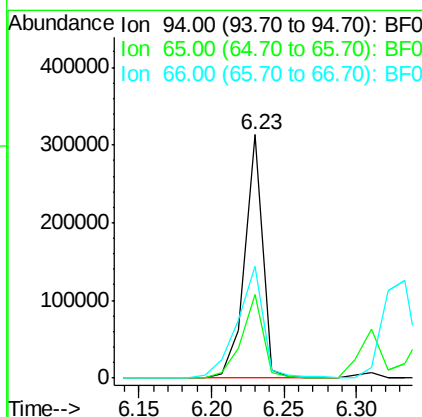
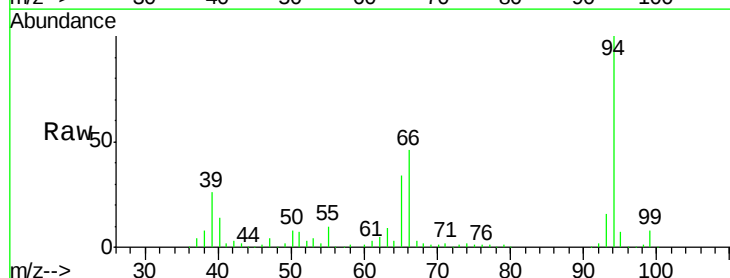
Instrument :
BNA_F
ClientSampleId :

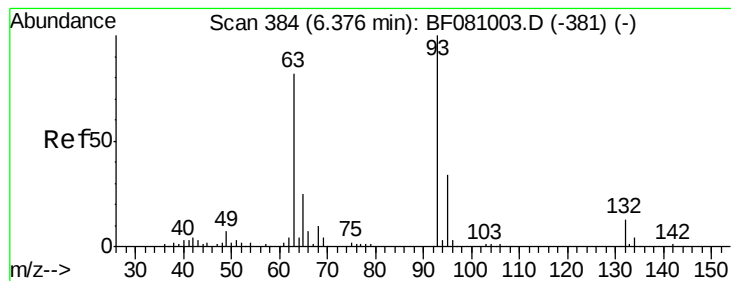
Tot Ion: 77 Resp: 52519
Ion Ratio Lower Upper
77 100
105 84.6 69.6 109.6
106 78.0 64.0 104.0



#10
Phenol
Concen: 43.63 ng
RT: 6.23 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion: 94 Resp: 271372
Ion Ratio Lower Upper
94 100
65 34.4 28.4 68.4
66 45.8 52.3 92.3#





#11

bis(2-Chloroethyl)ether

Concen: 46.60 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

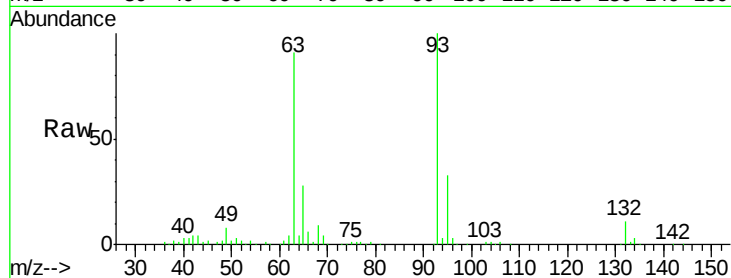
Tot Ion: 93 Resp: 222436

Ion Ratio Lower Upper

93 100

63 91.3 69.6 109.6

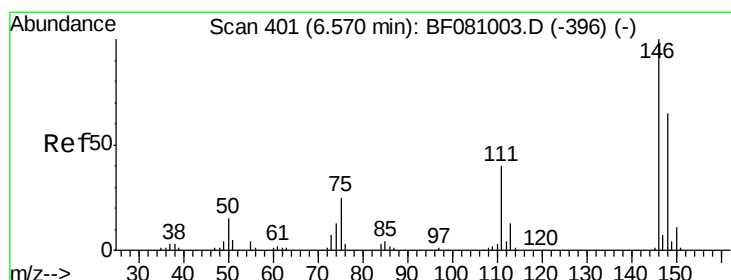
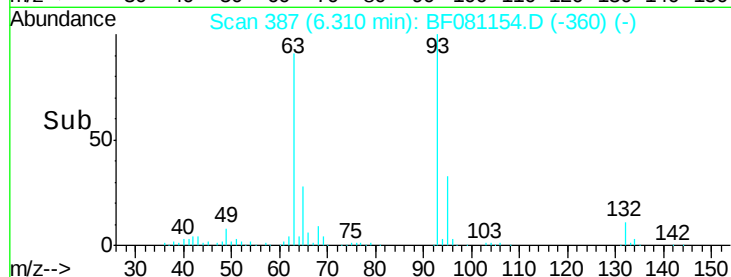
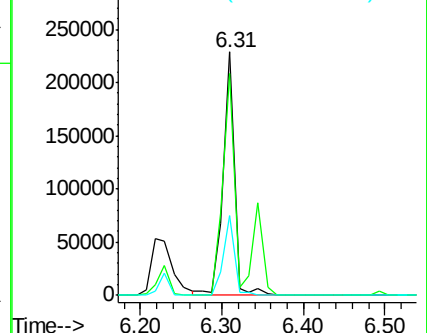
95 32.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.18 ng

RT: 6.73 min Scan# 424

Delta R.T. 0.24 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

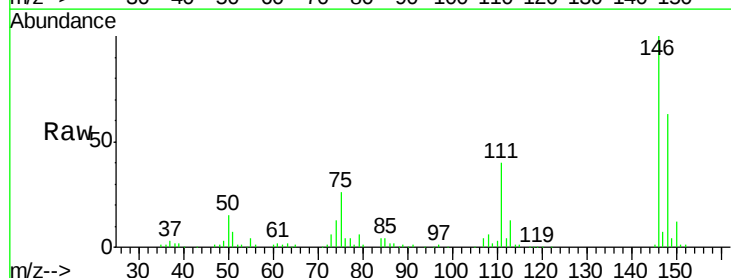
Tgt Ion: 146 Resp: 167014

Ion Ratio Lower Upper

146 100

148 62.8 53.3 79.9

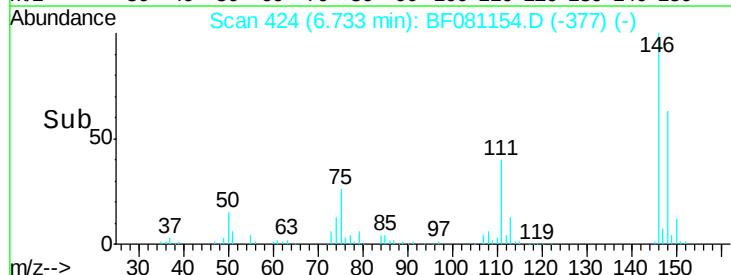
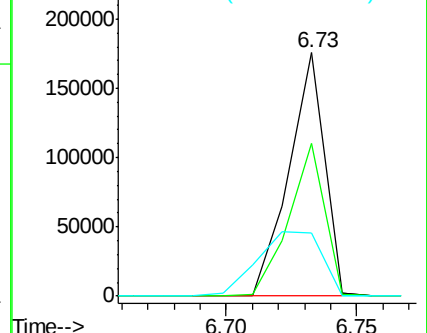
75 25.7 25.0 37.6

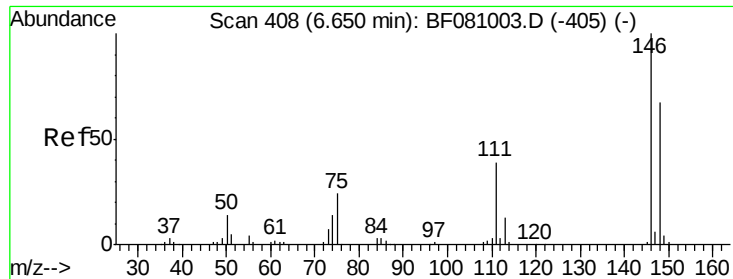


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

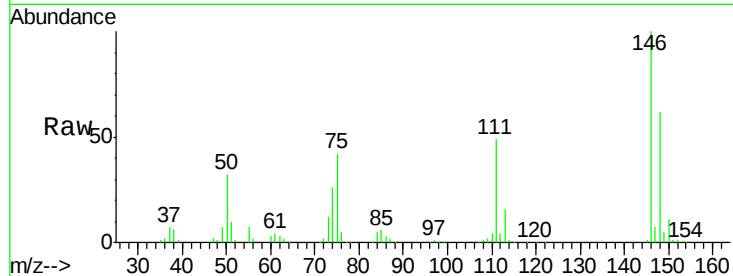




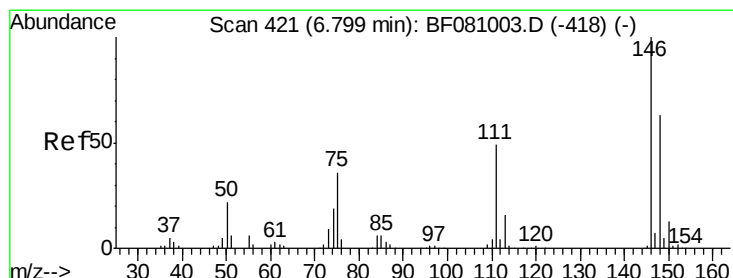
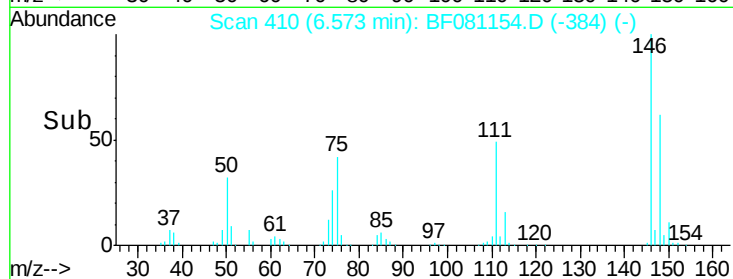
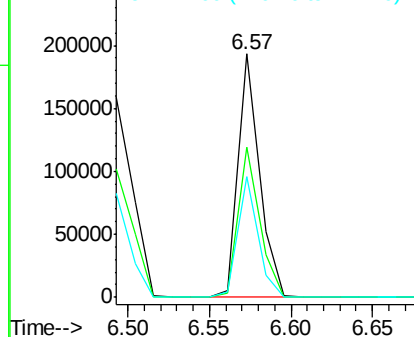
#13
 1,4-Dichlorobenzene
 Concen: 36.76 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 172816
 Ion Ratio Lower Upper
 146 100
 148 61.7 52.3 78.5
 111 49.4 34.4 51.6

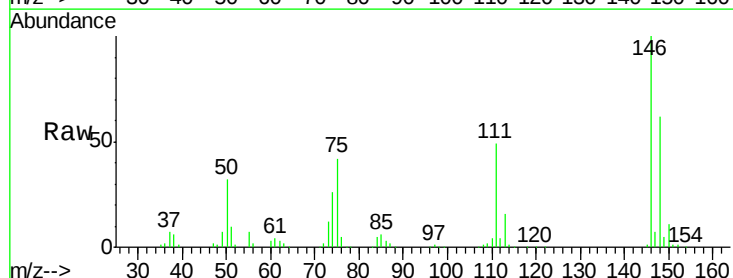


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

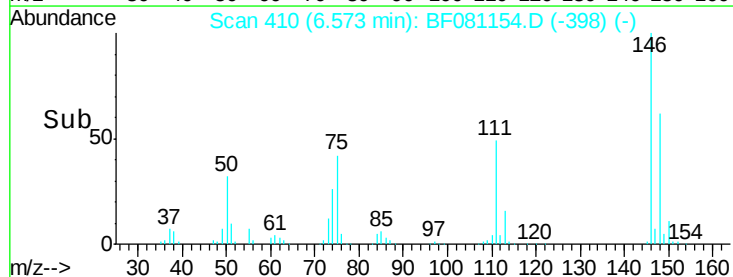
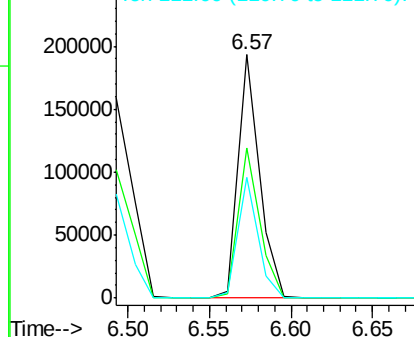


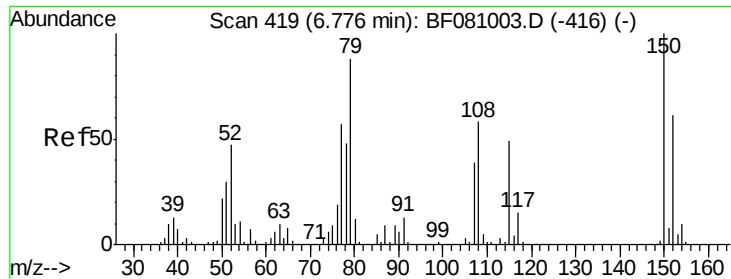
#14
 1,2-Dichlorobenzene
 Concen: 39.28 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.16 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:146 Resp: 172816
 Ion Ratio Lower Upper
 146 100
 148 61.7 48.7 73.1
 111 49.4 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

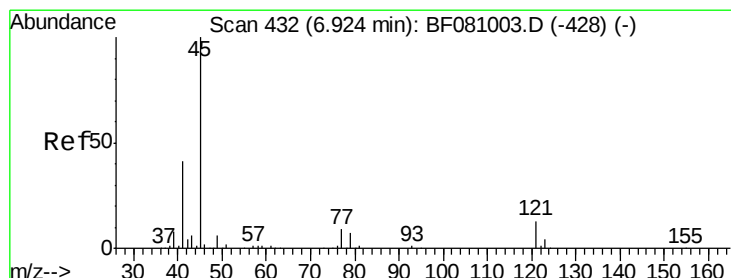
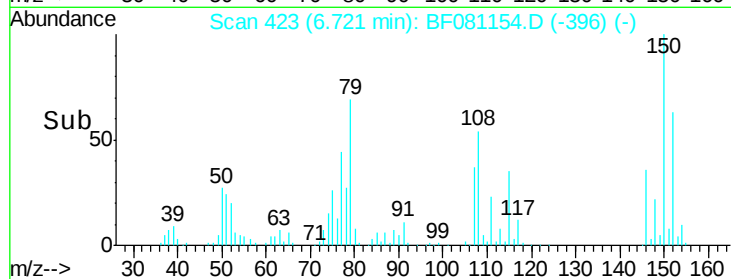
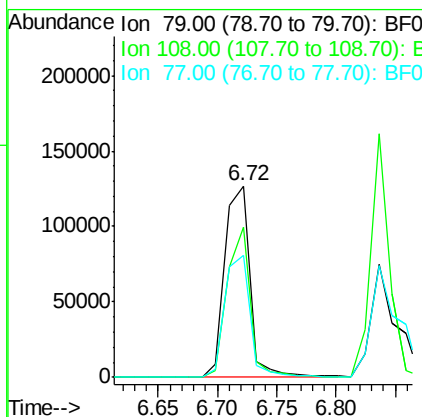
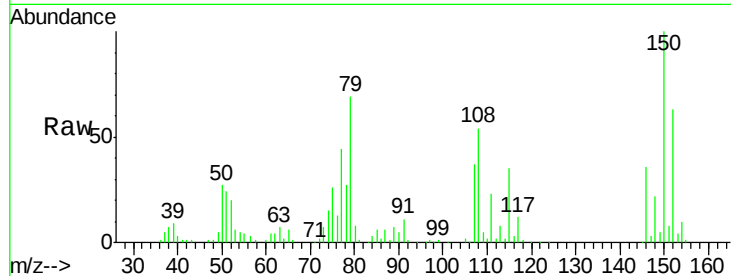




#15
Benzyl Alcohol
Concen: 44.01 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

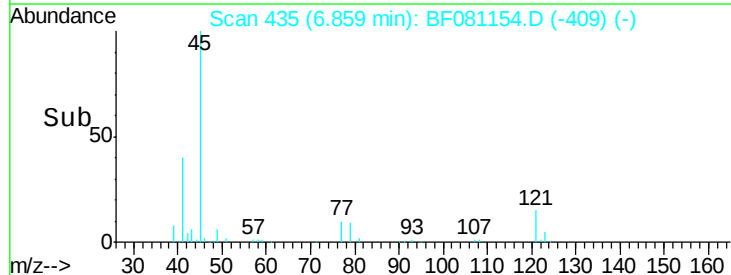
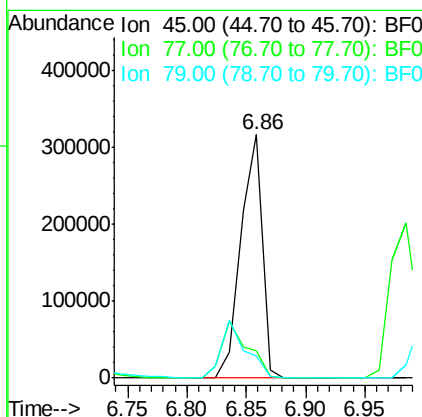
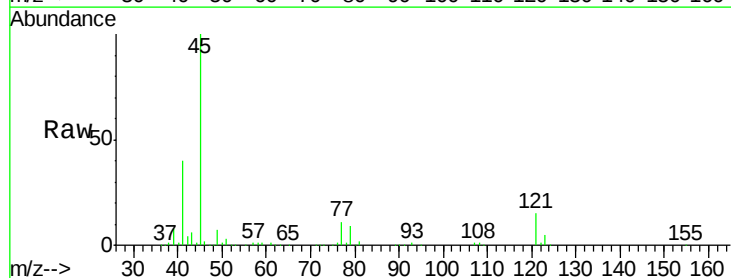
Instrument :
BNA_F
ClientSampled :

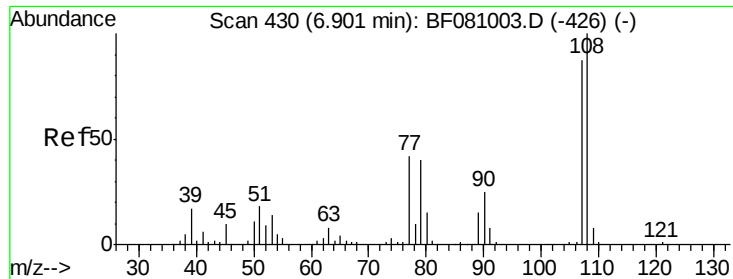
Tot Ion: 79 Resp: 187550
Ion Ratio Lower Upper
79 100
108 78.4 49.4 74.2#
77 63.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.42 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion: 45 Resp: 397836
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.2
79 9.2 0.0 28.0

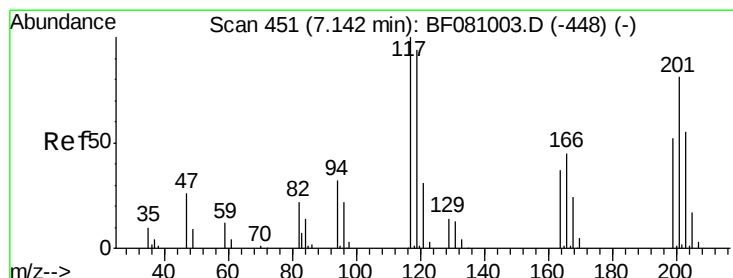
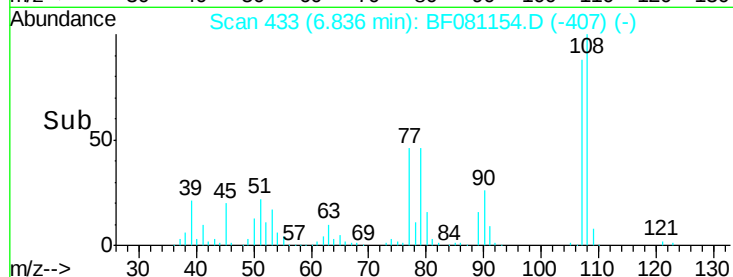
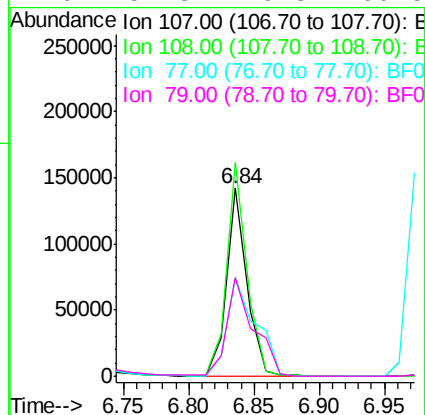
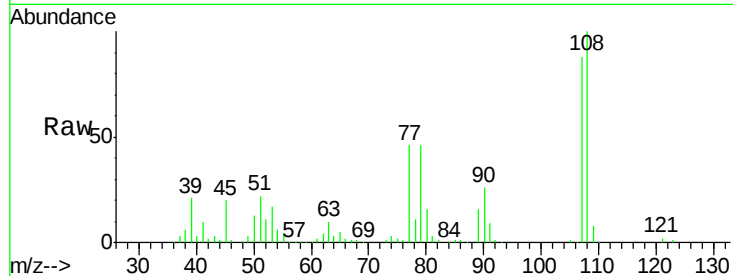




#17
2-Methylphenol
Concen: 40.69 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

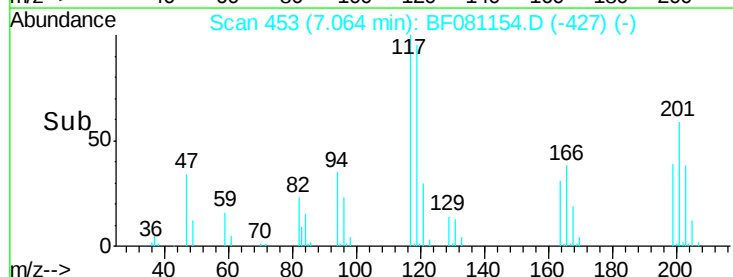
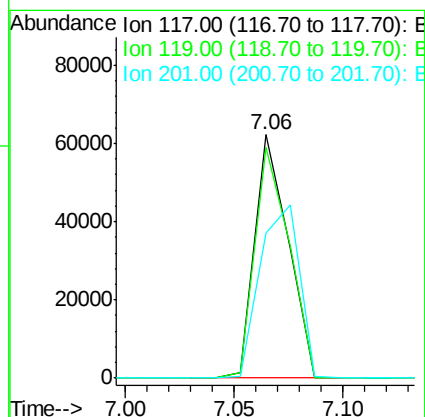
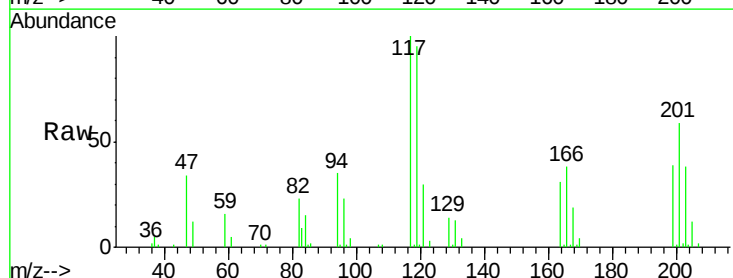
Instrument :
BNA_F
ClientSampled :

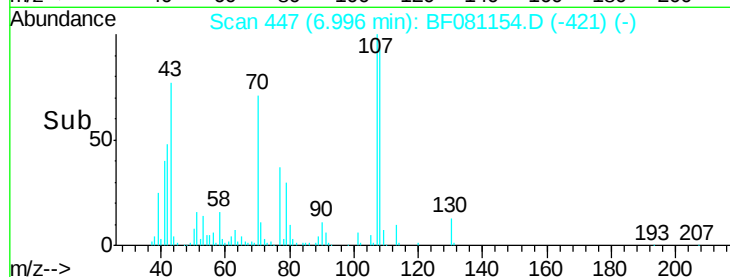
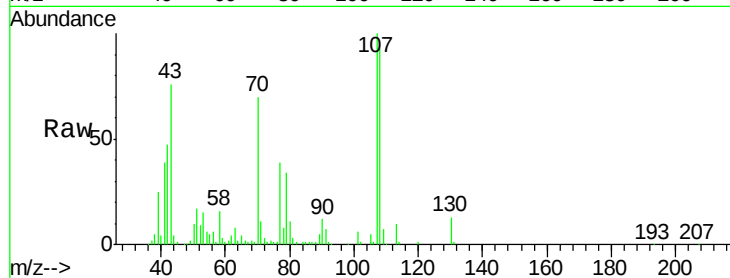
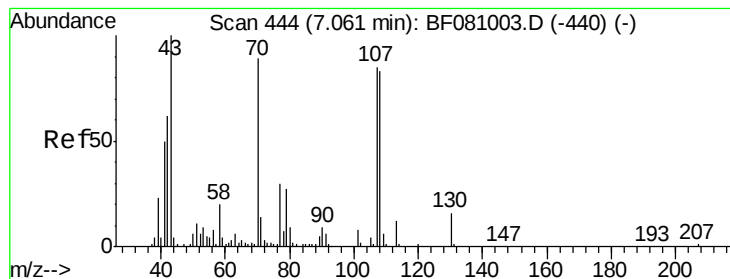
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.4	135.6
77	52.3	46.5	69.7
79	52.8	46.3	69.5



#18
Hexachloroethane
Concen: 35.03 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.9	116.9
201	59.4	61.3	91.9#





#19

n-Nitroso-di-n-propylamine

Concen: 45.42 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 165719

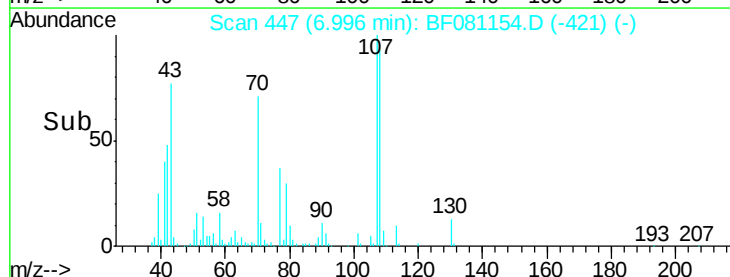
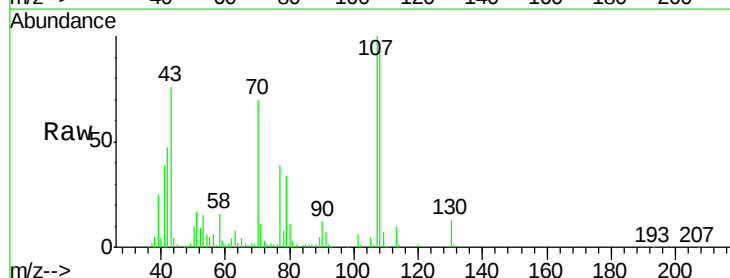
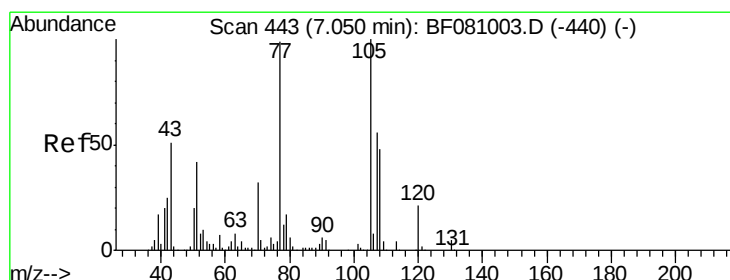
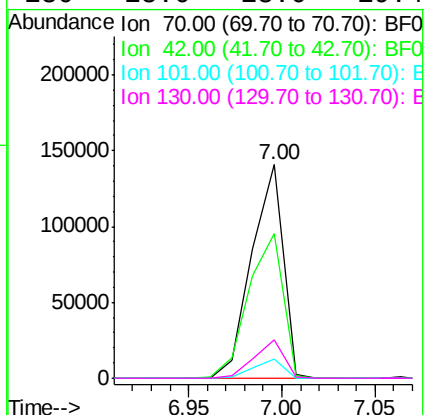
Ion Ratio Lower Upper

70 100

42 67.5 65.0 97.4

101 8.9 7.4 11.2

130 18.0 13.0 19.4



#20

3+4-Methylphenols

Concen: 42.98 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion: 107 Resp: 206831

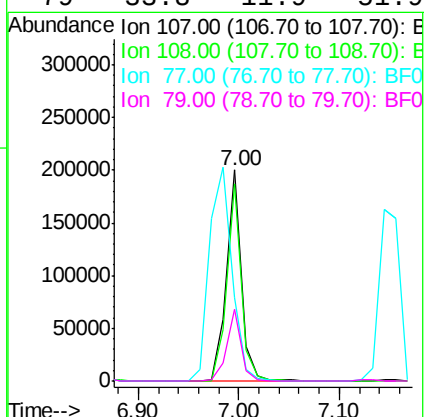
Ion Ratio Lower Upper

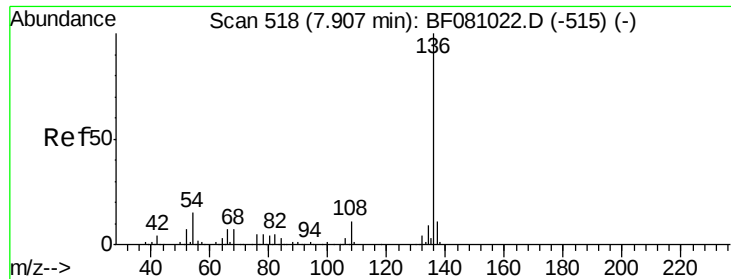
107 100

108 93.5 66.1 106.1

77 39.2 139.3 179.3#

79 33.8 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 232061

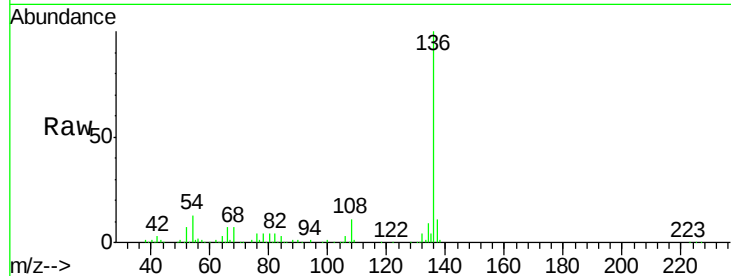
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 12.9 7.7 11.5#

68 6.6 3.4 5.2#

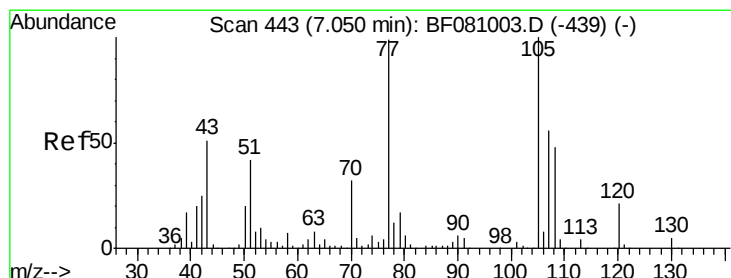
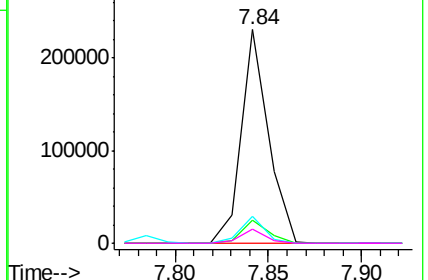
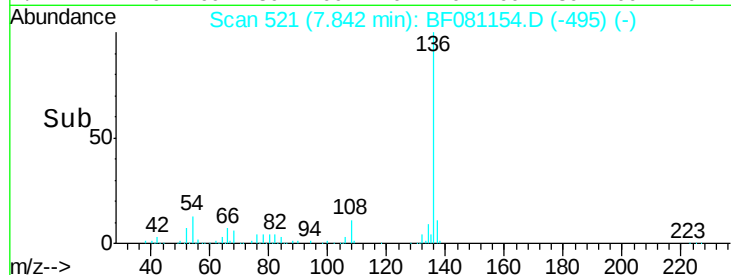


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.38 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:105 Resp: 300832

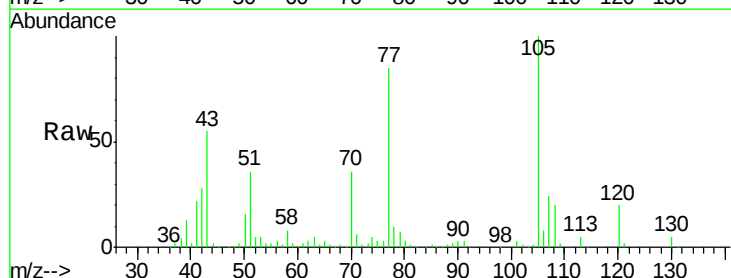
Ion Ratio Lower Upper

105 100

71 6.0 3.0 4.6#

51 36.1 39.8 59.8#

120 19.9 15.8 23.8

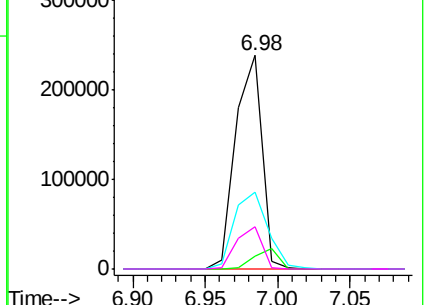
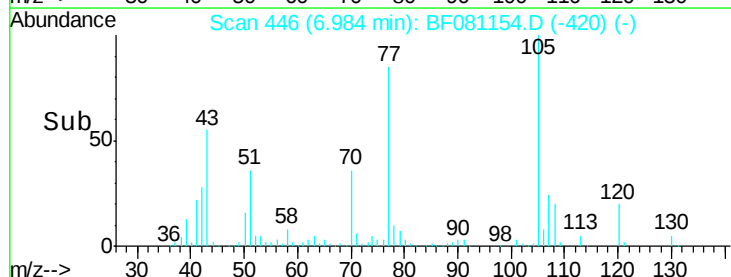


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

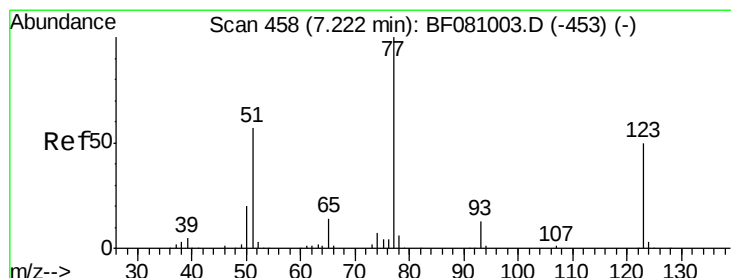
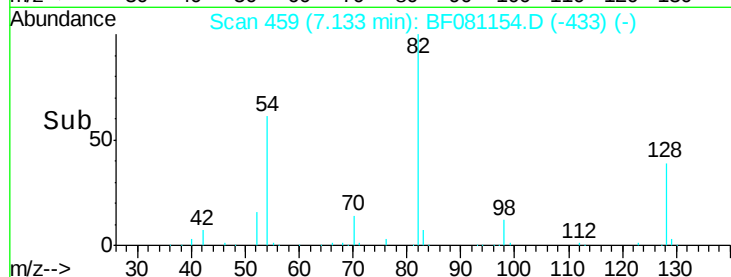
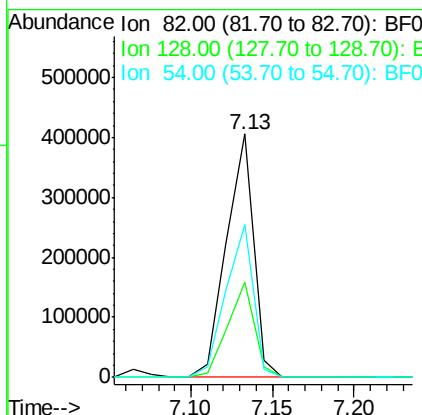
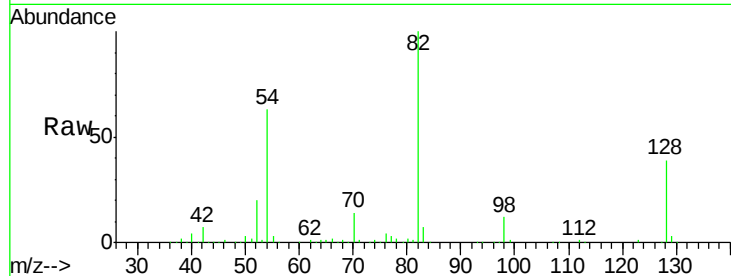




#23
 Nitrobenzene-d5
 Concen: 91.65 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

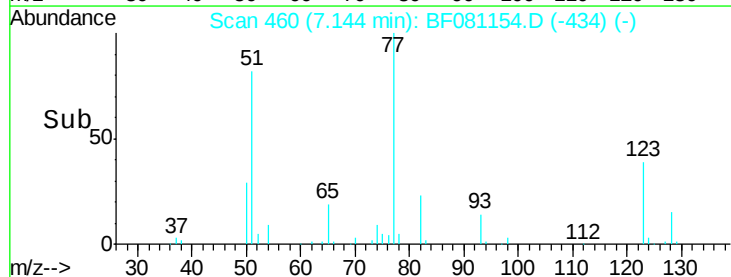
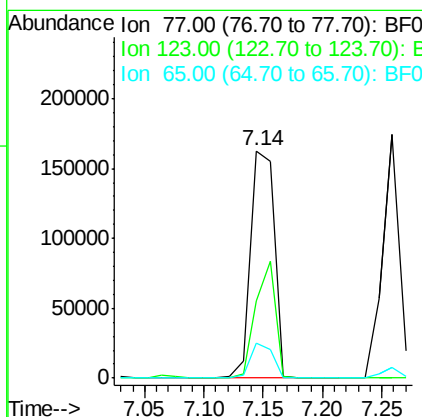
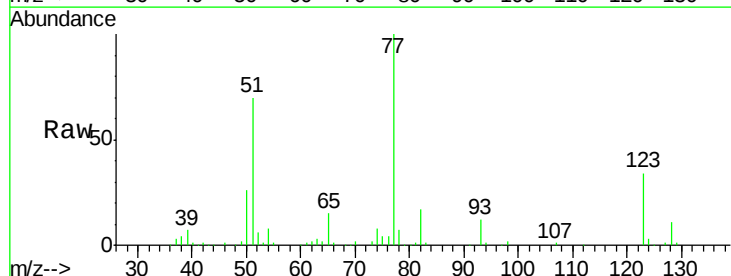
Instrument :
 BNA_F
 ClientSampleId :

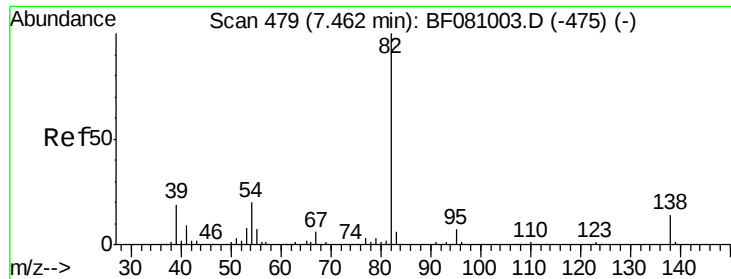
Tot Ion: 82 Resp: 465572
 Ion Ratio Lower Upper
 82 100
 128 39.0 28.6 42.8
 54 62.8 55.1 82.7



#24
 Nitrobenzene
 Concen: 43.12 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion: 77 Resp: 229042
 Ion Ratio Lower Upper
 77 100
 123 34.1 32.9 49.3
 65 15.3 12.5 18.7





#25

Isophorone

Concen: 45.07 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

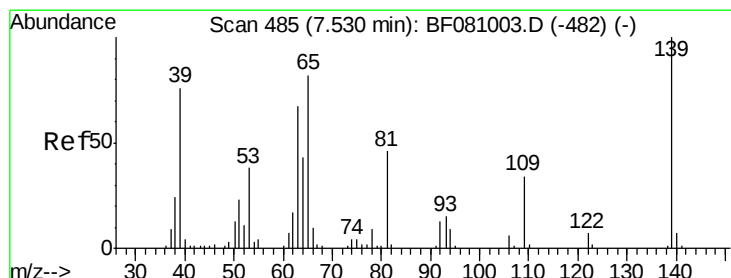
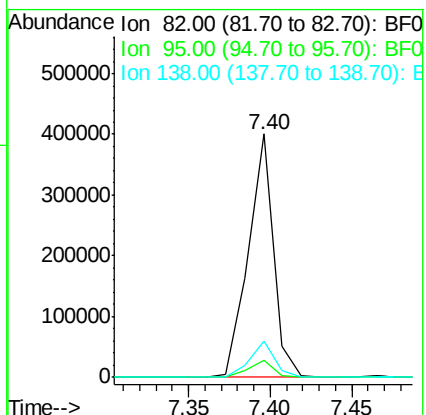
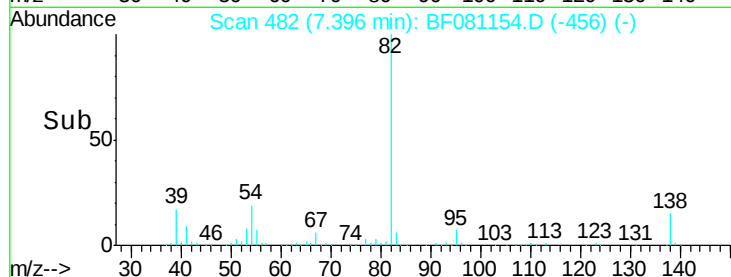
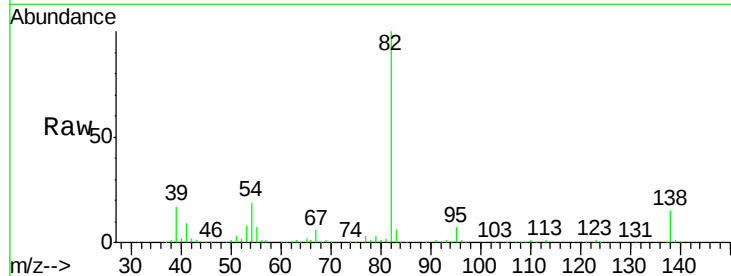
Tot Ion: 82 Resp: 426939

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 15.0 10.5 15.7



#26

2-Nitrophenol

Concen: 42.70 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

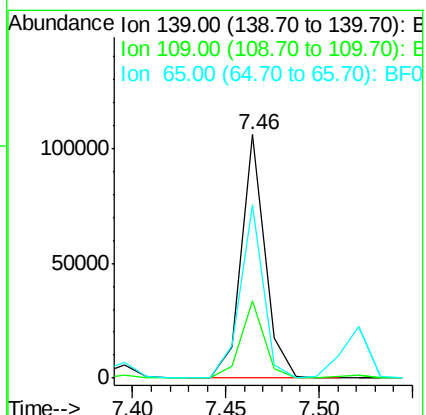
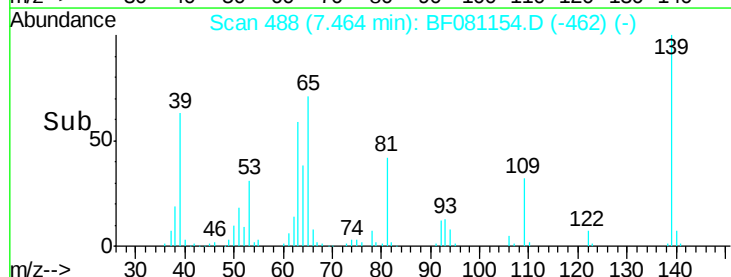
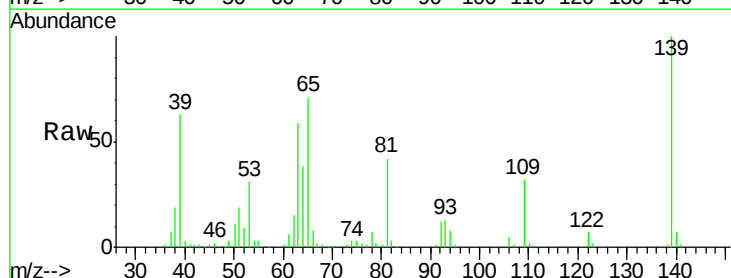
Tgt Ion:139 Resp: 94330

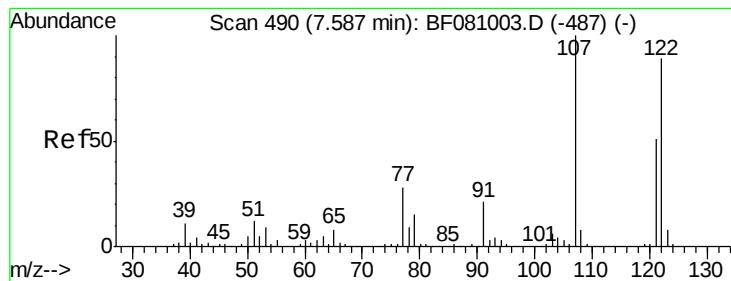
Ion Ratio Lower Upper

139 100

109 31.5 32.1 48.1#

65 71.2 69.9 104.9

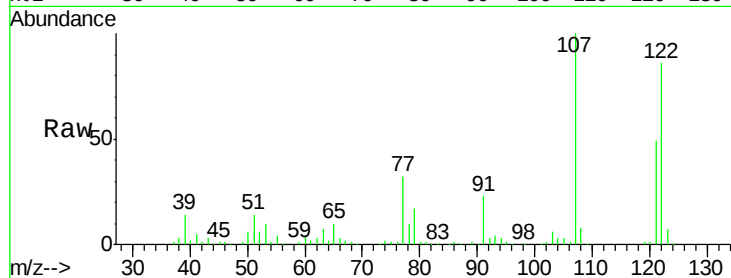




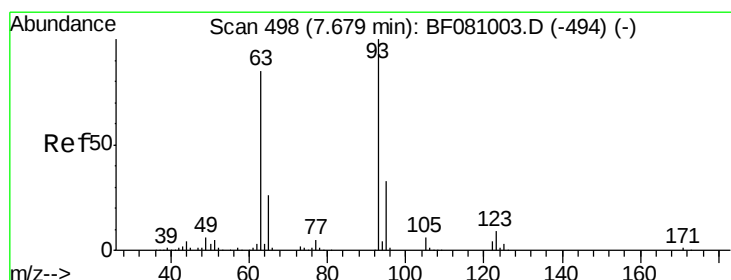
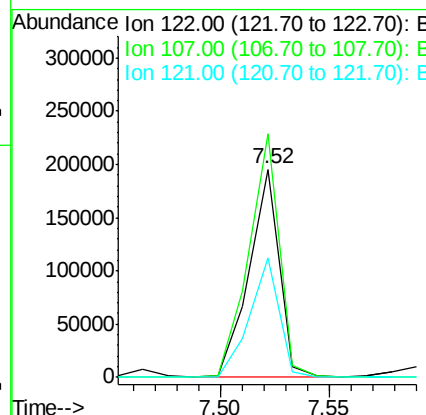
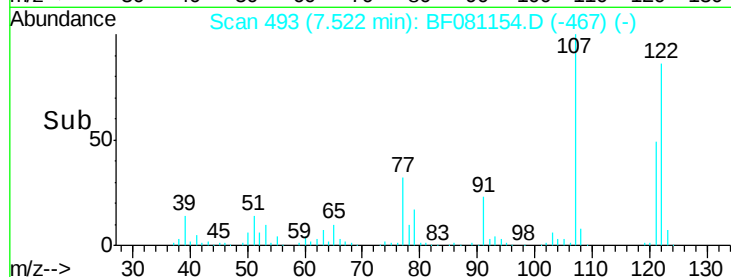
#27
 2,4-Dimethylphenol
 Concen: 48.45 ng
 RT: 7.52 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 189313
 Ion Ratio Lower Upper
 122 100
 107 116.9 103.8 155.6
 121 57.5 47.0 70.4

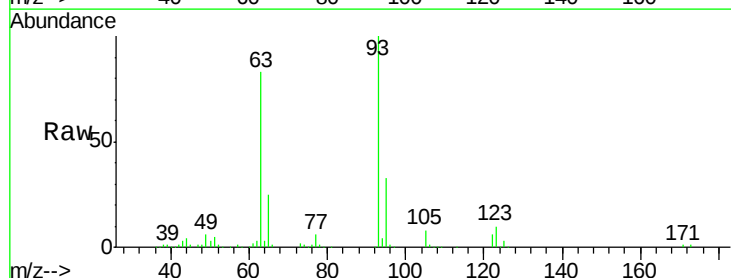


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

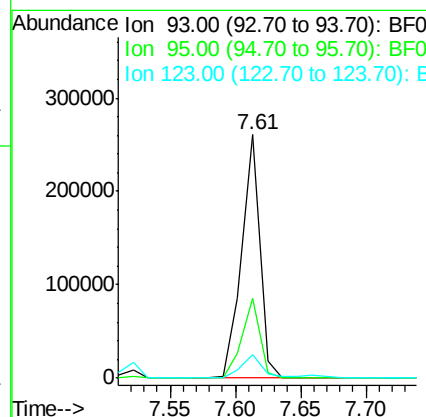
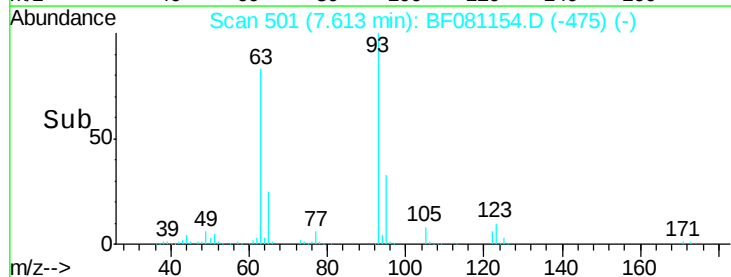


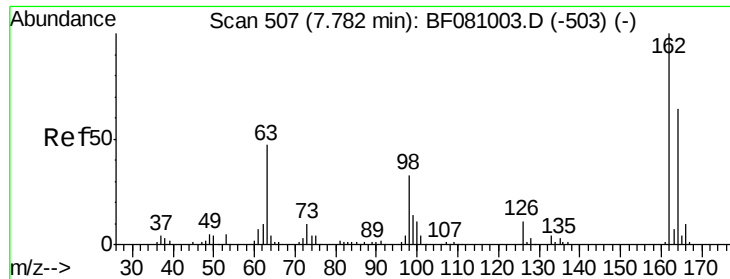
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.15 ng
 RT: 7.61 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion: 93 Resp: 252685
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.8
 123 9.7 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

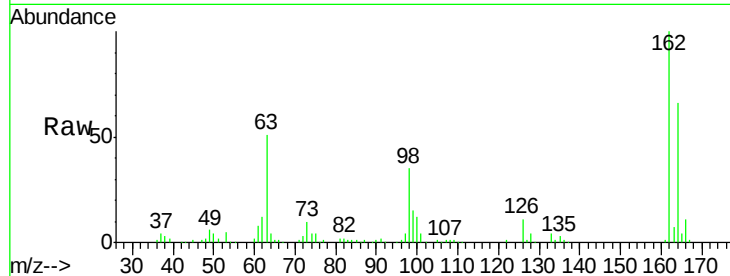




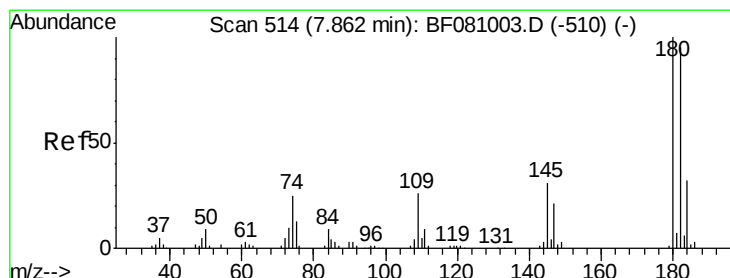
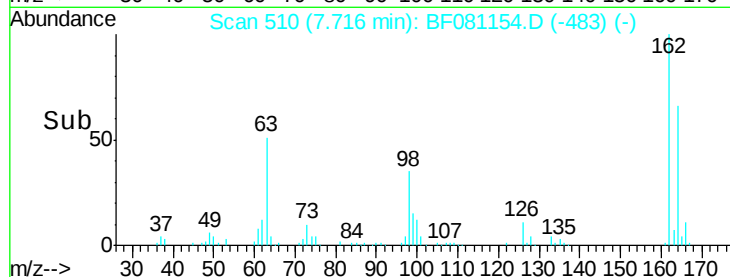
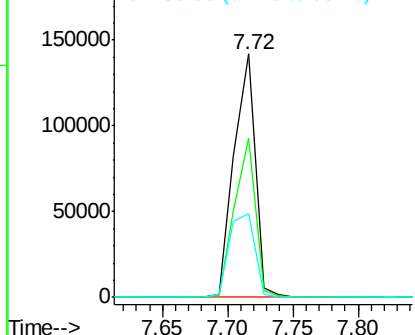
#29
 2,4-Dichlorophenol
 Concen: 48.90 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 160876
 Ion Ratio Lower Upper
 162 100
 164 65.6 43.2 83.2
 98 34.5 12.3 52.3

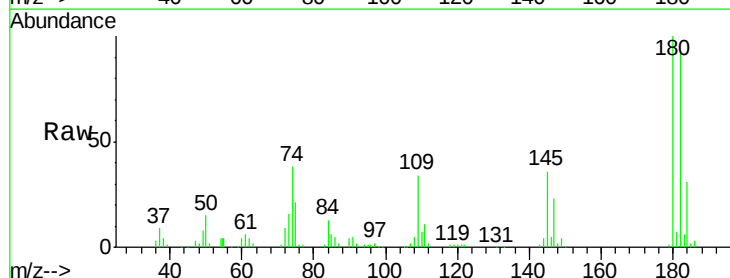


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

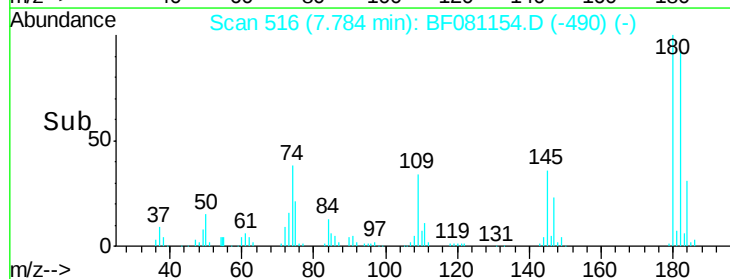
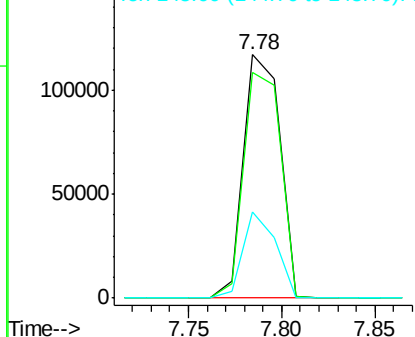


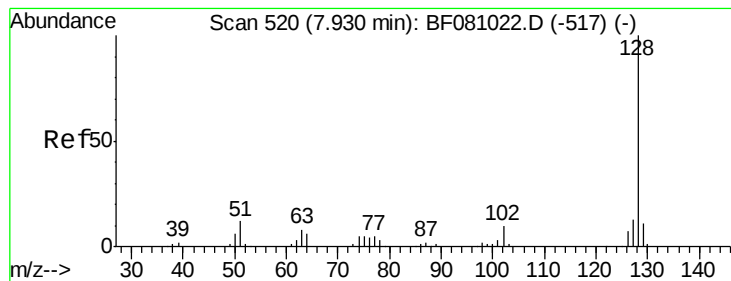
#30
 1,2,4-Trichlorobenzene
 Concen: 43.39 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:180 Resp: 158640
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.4 114.6
 145 35.5 25.4 38.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.06 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

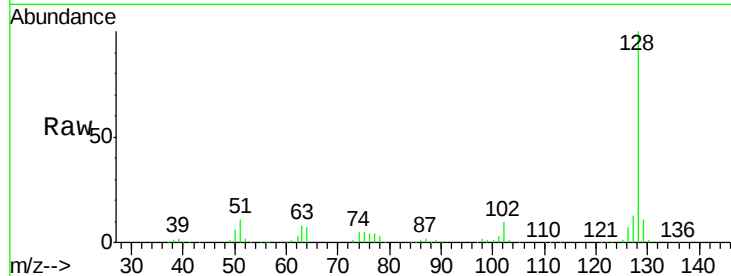
Tot Ion:128 Resp: 531130

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

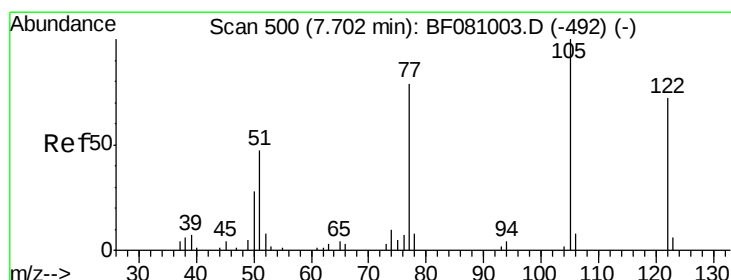
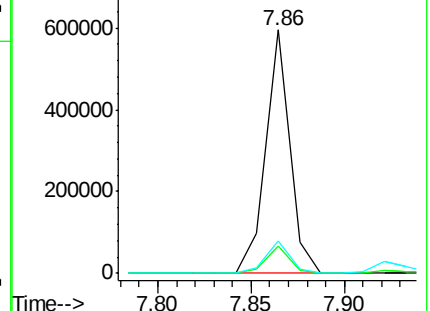
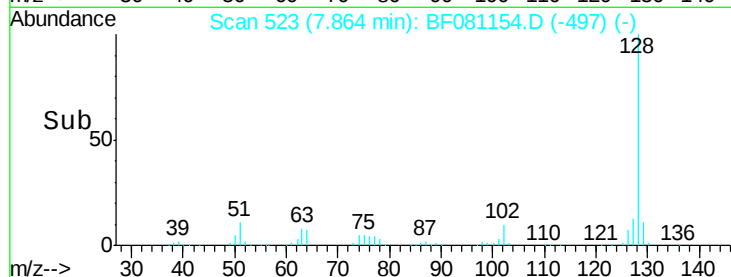
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.40 ng

RT: 7.66 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

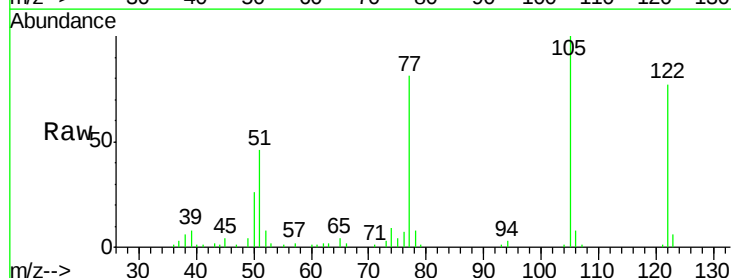
Tgt Ion:122 Resp: 121779

Ion Ratio Lower Upper

122 100

105 129.9 113.8 153.8

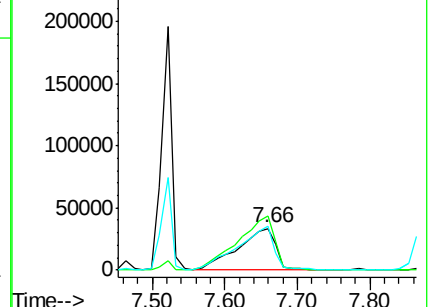
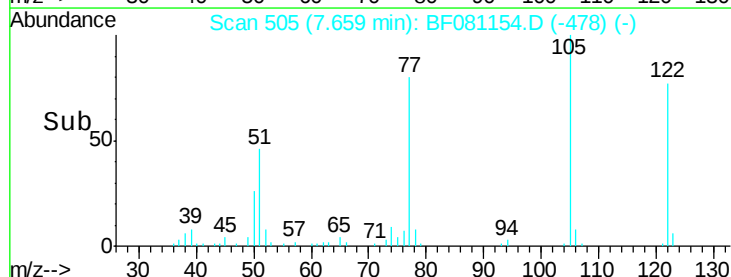
77 105.5 93.8 133.8

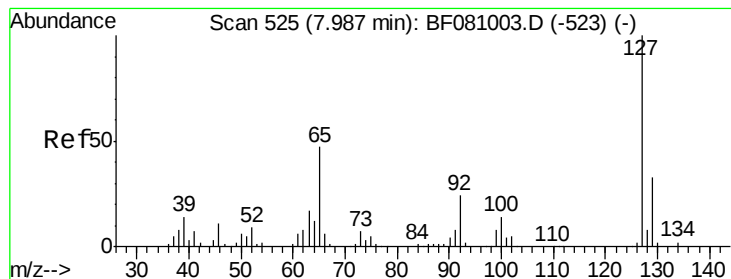


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.20 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 44783

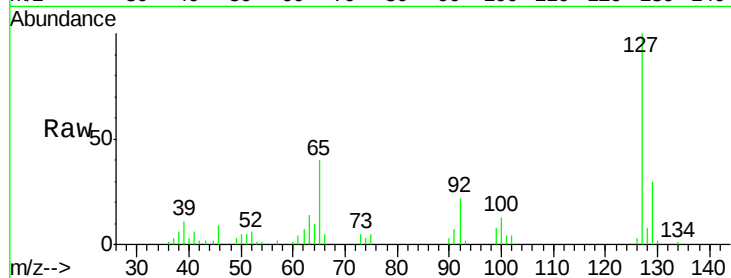
Ion Ratio Lower Upper

127 100

129 30.4 25.2 37.8

65 40.1 37.8 56.6

92 22.0 19.5 29.3

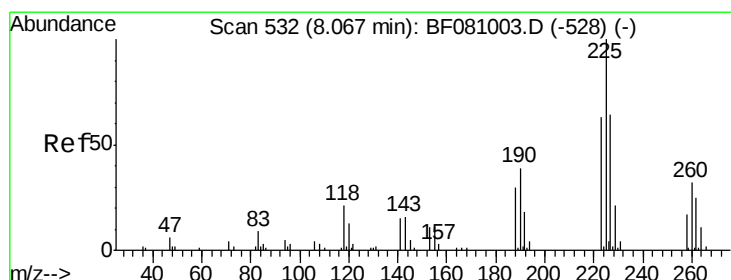
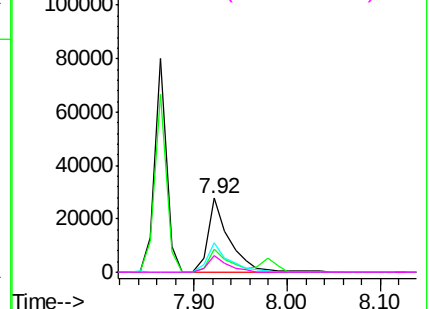
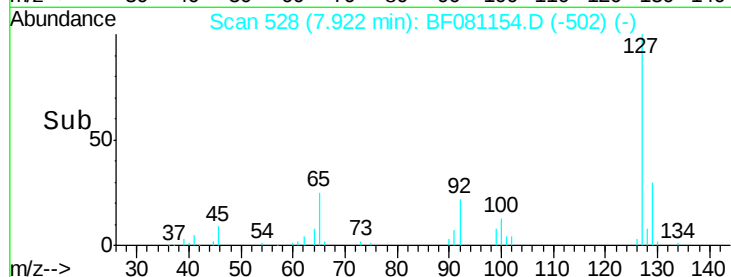


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.25 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

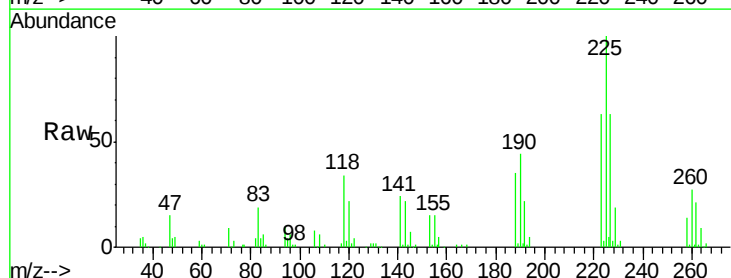
Tgt Ion:225 Resp: 91496

Ion Ratio Lower Upper

225 100

223 63.3 52.6 79.0

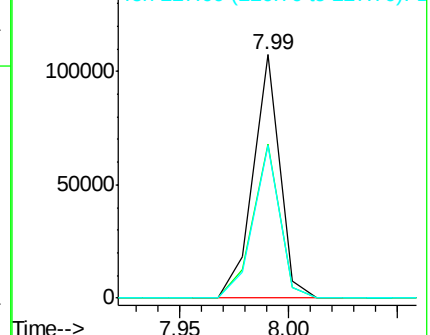
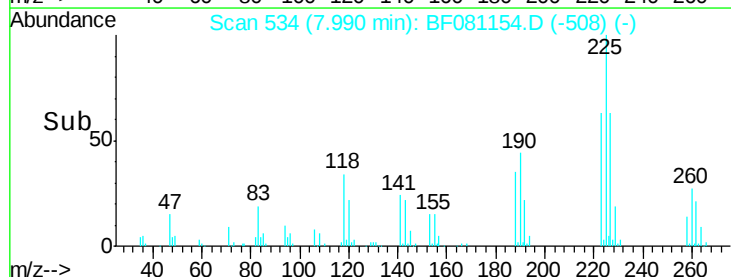
227 62.9 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

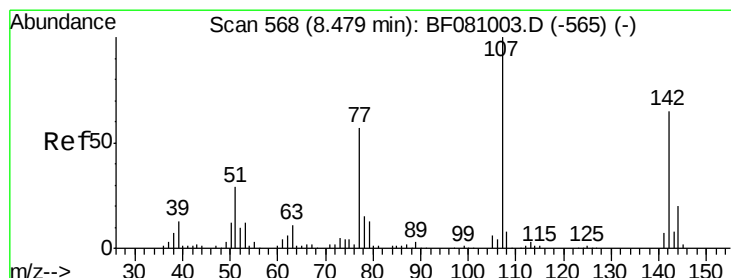
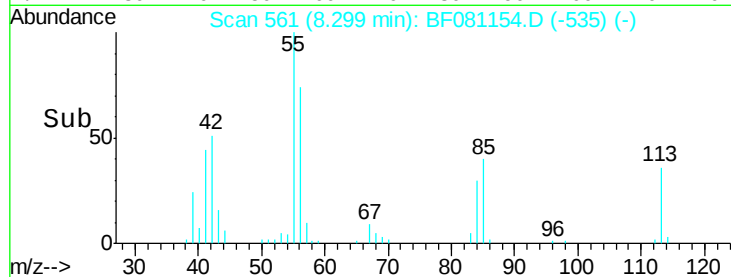
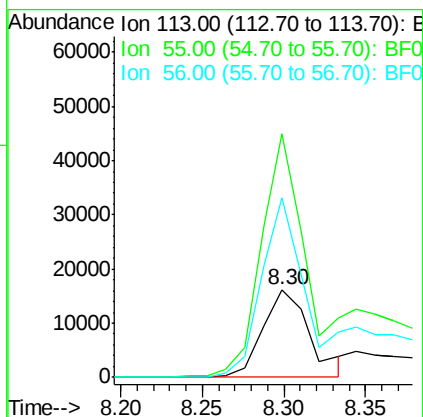
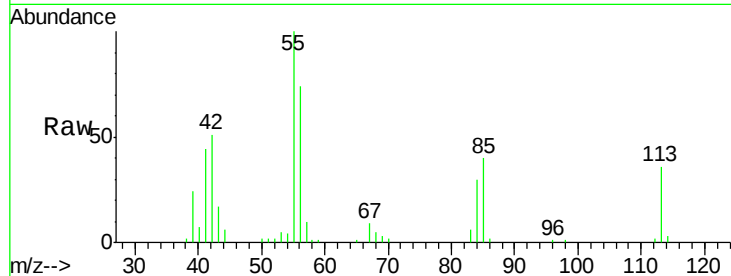




#35
 Caprolactam
 Concen: 28.12 ng
 RT: 8.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

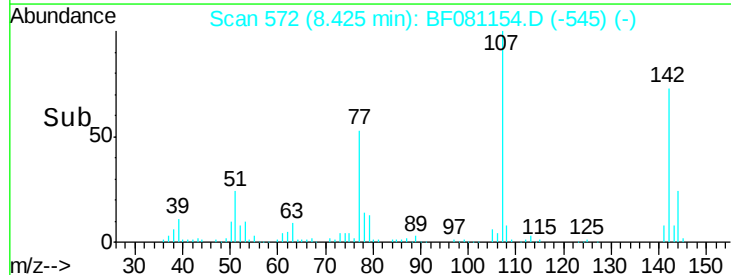
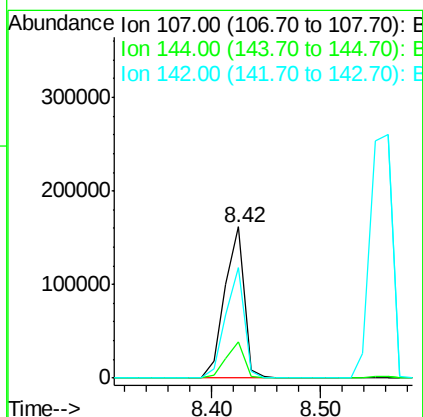
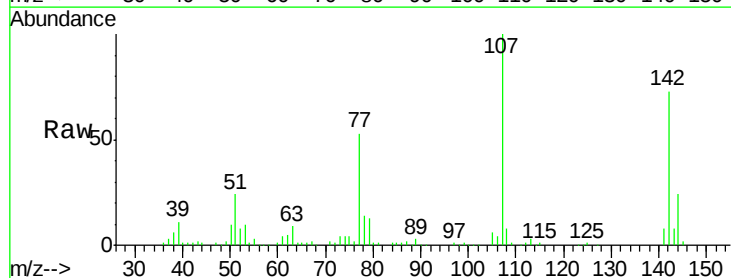
Instrument :
 BNA_F
 ClientSampled :

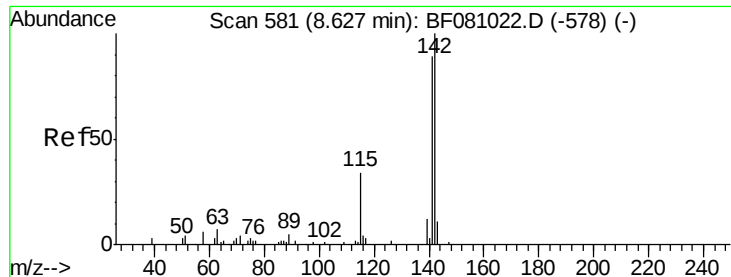
Tot Ion:113 Resp: 32331
 Ion Ratio Lower Upper
 113 100
 55 278.3 280.4 320.4#
 56 205.9 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 50.89 ng
 RT: 8.42 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:107 Resp: 199534
 Ion Ratio Lower Upper
 107 100
 144 24.0 17.2 25.8
 142 73.3 54.9 82.3

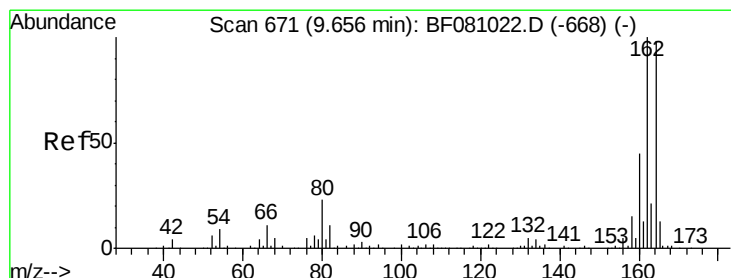
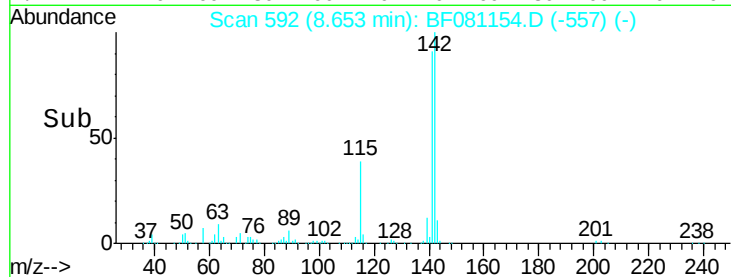
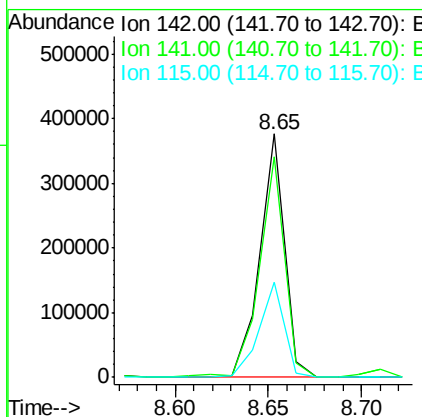
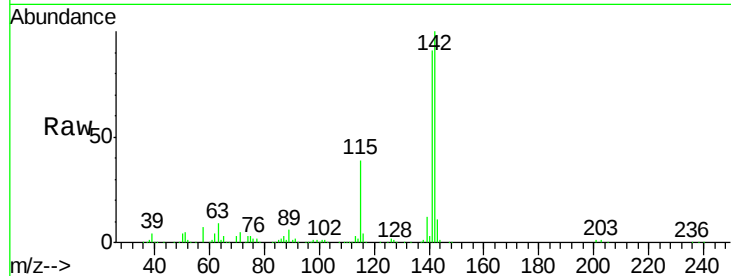




#37
 2-Methylnaphthalene
 Concen: 42.11 ng
 RT: 8.65 min Scan# 592
 Delta R.T. 0.10 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

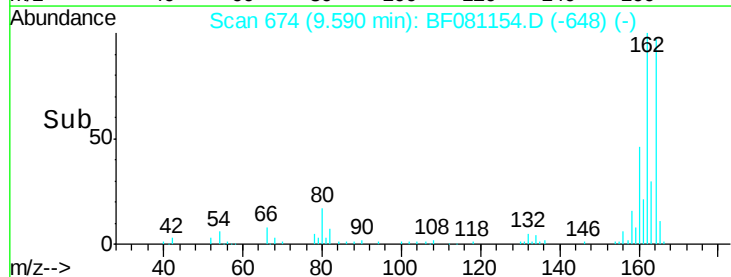
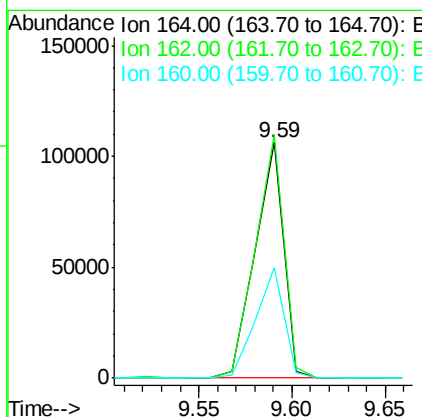
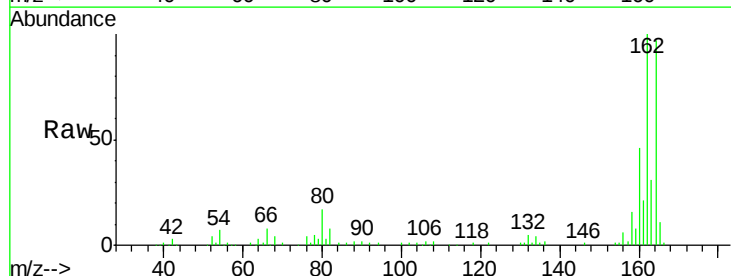
Instrument :
 BNA_F
 ClientSampleId :

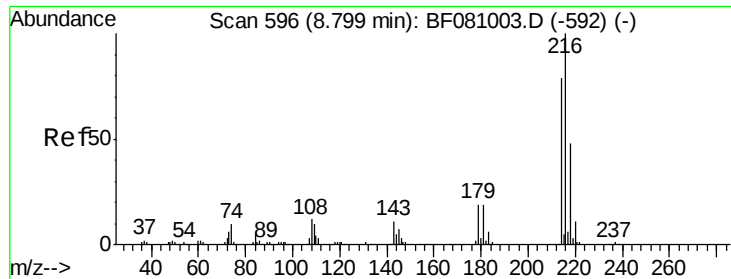
Tot Ion:142 Resp: 344088
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.4 107.2
 115 39.0 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:164 Resp: 112057
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.8 125.8
 160 47.1 39.8 59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.49 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 150008

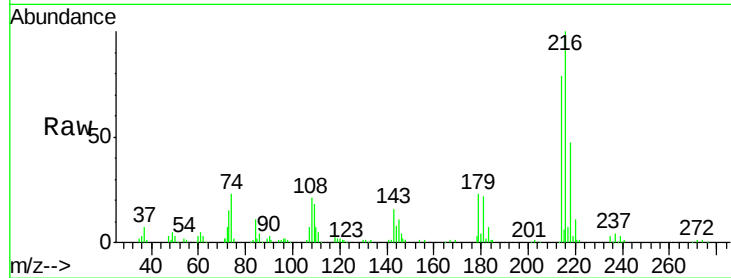
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 23.1 17.8 26.8

108 23.3 16.2 24.2

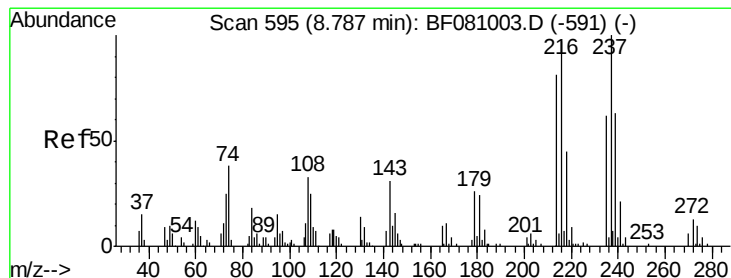
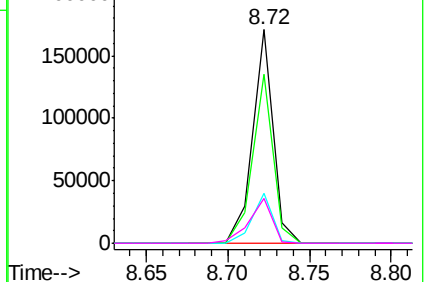
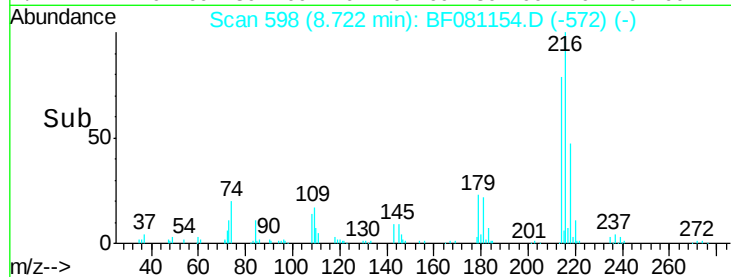


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.85 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

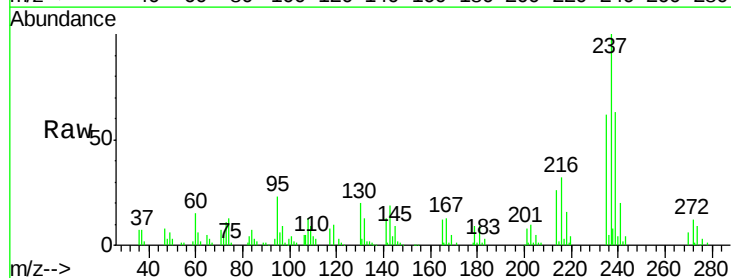
Tgt Ion:237 Resp: 85790

Ion Ratio Lower Upper

237 100

235 62.2 43.6 83.6

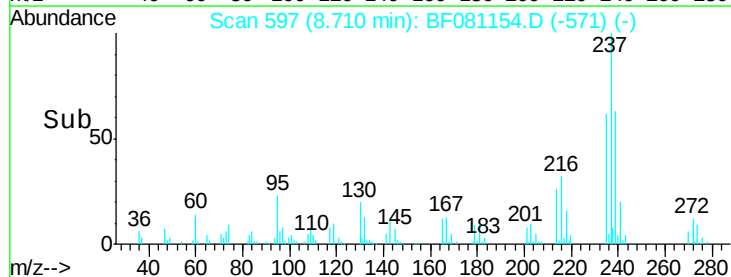
272 11.7 0.0 32.2



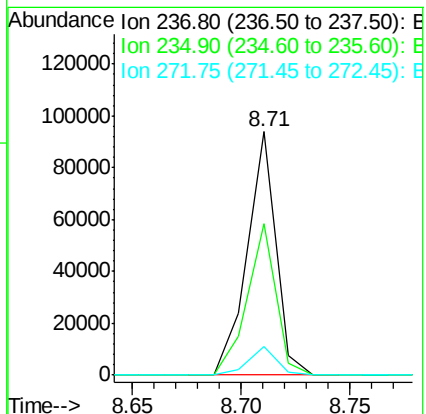
Abundance Ion 236.80 (236.50 to 237.50): E

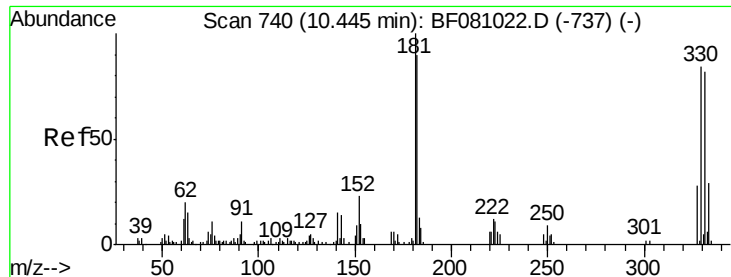
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 144.82 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

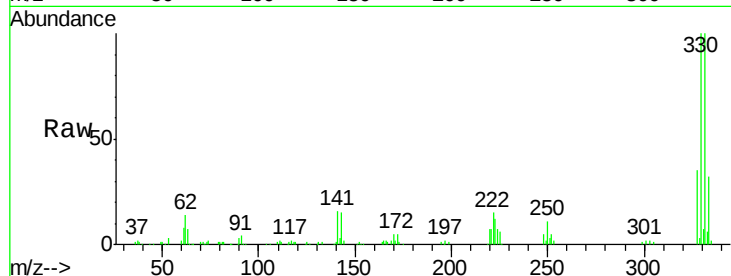
Tot Ion:330 Resp: 140671

Ion Ratio Lower Upper

330 100

332 98.9 77.3 115.9

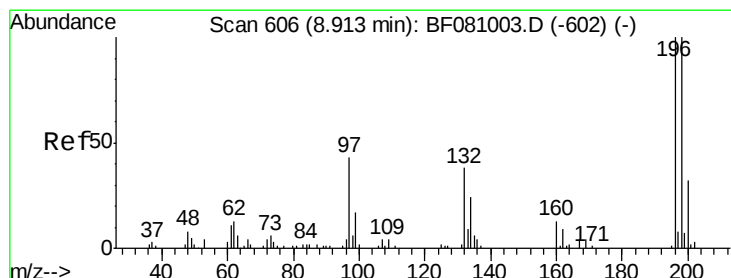
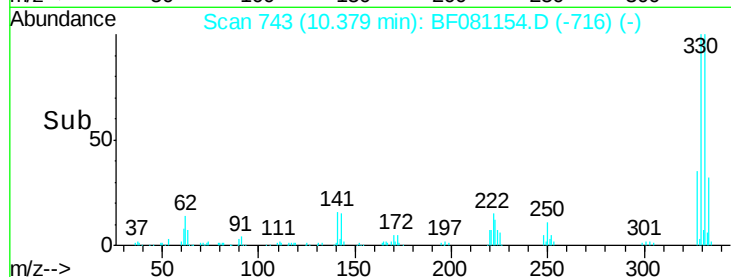
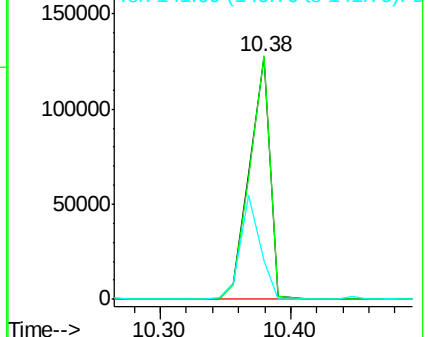
141 41.2 44.9 67.3#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.95 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

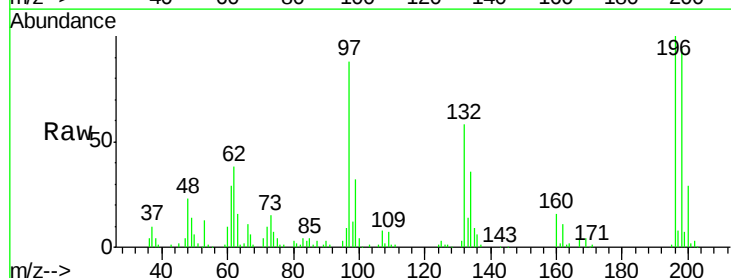
Tgt Ion:196 Resp: 102029

Ion Ratio Lower Upper

196 100

198 94.2 74.6 111.8

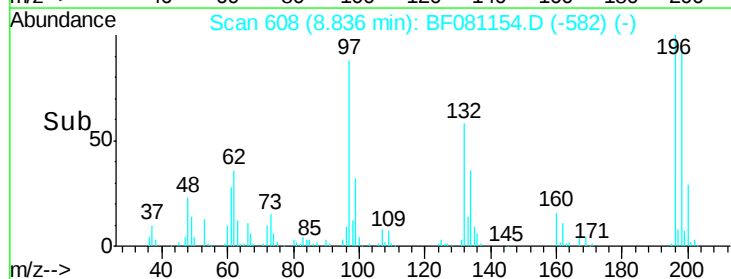
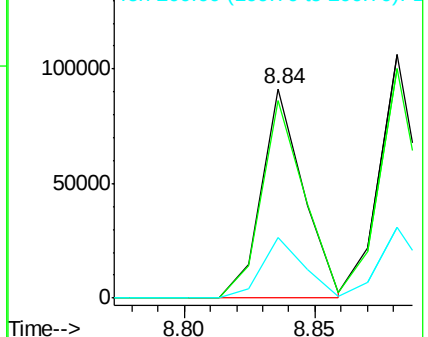
200 29.0 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

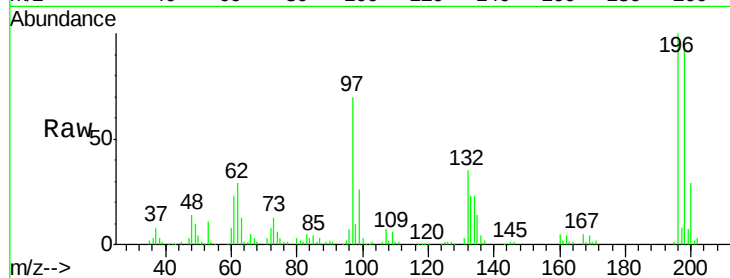




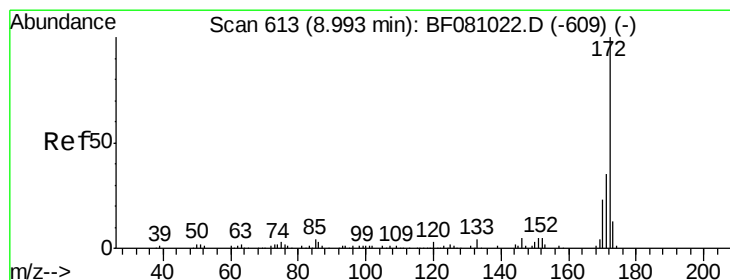
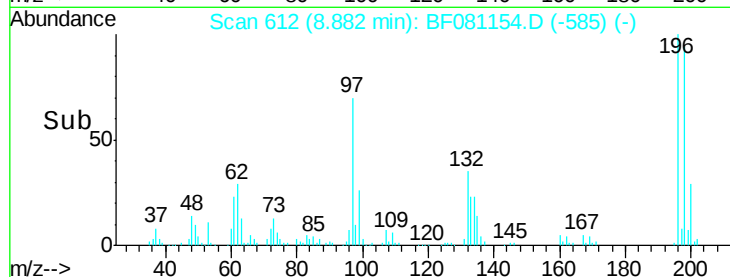
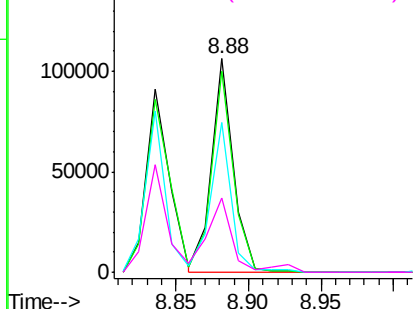
#43
 2,4,5-Trichlorophenol
 Concen: 43.46 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 110938
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.3 117.5
 97 70.2 42.7 64.1#
 132 34.7 23.3 34.9

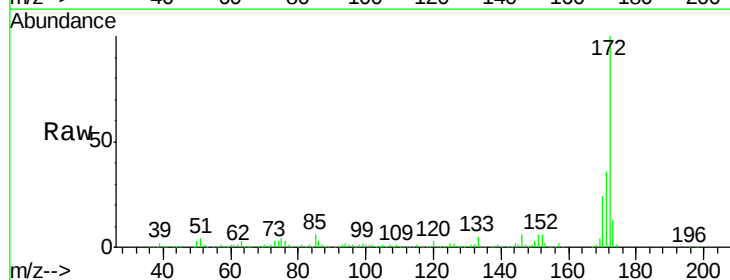


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

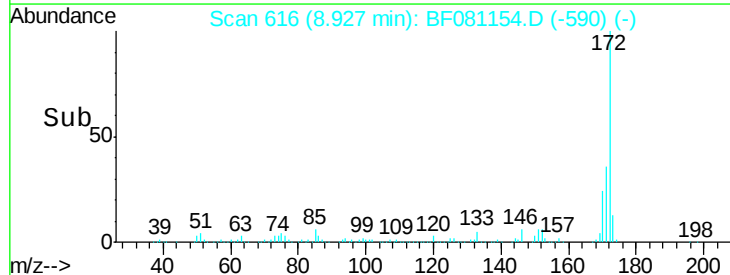
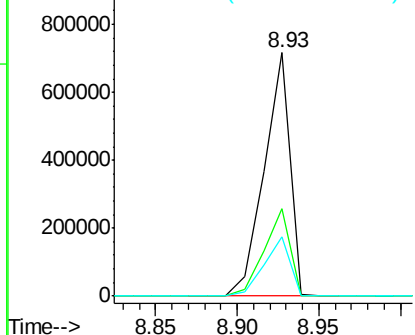


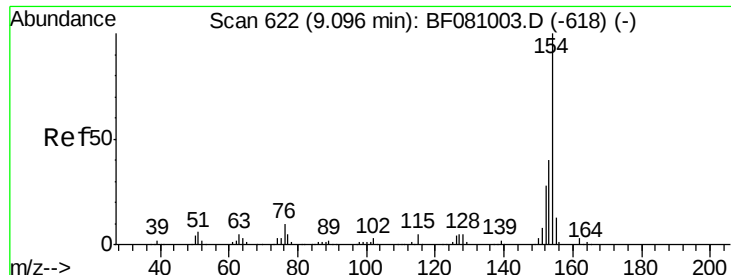
#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:172 Resp: 788589
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.2 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.81 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

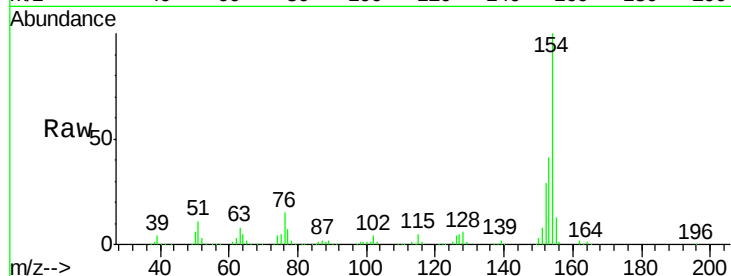
Tot Ion:154 Resp: 422569

Ion Ratio Lower Upper

154 100

153 41.1 19.5 59.5

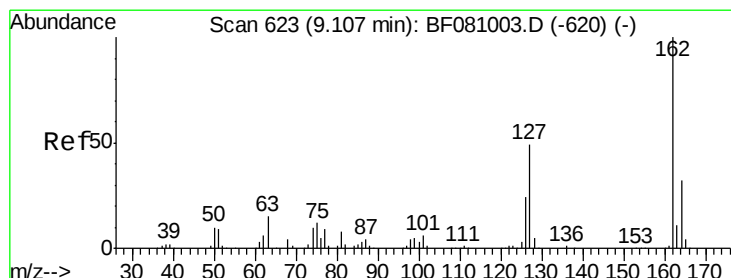
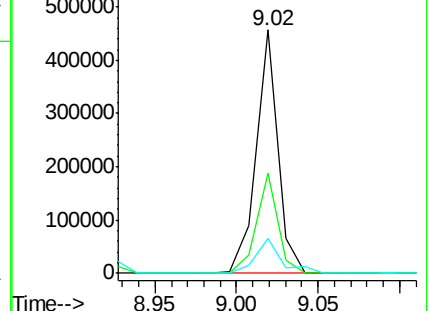
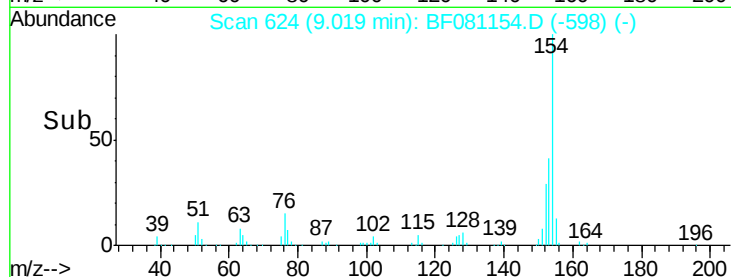
76 14.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.01 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

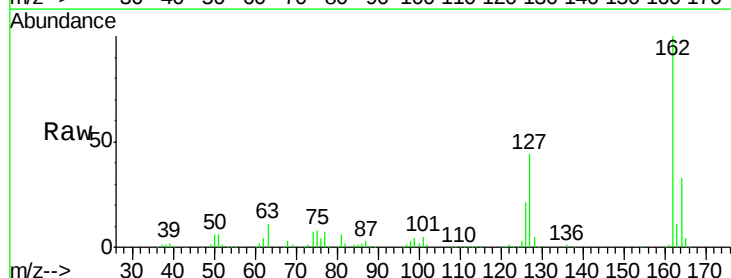
Tgt Ion:162 Resp: 349005

Ion Ratio Lower Upper

162 100

127 43.8 31.3 46.9

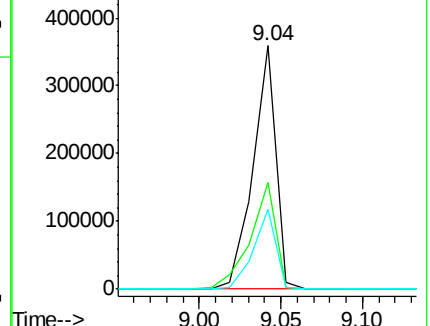
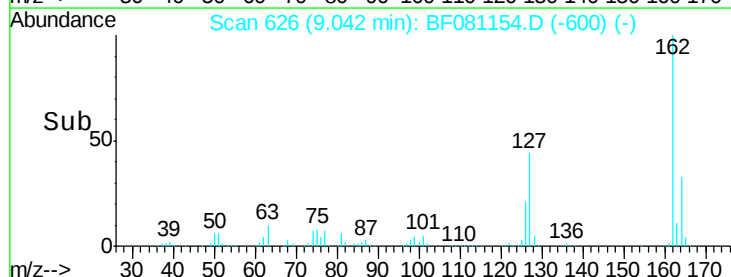
164 32.5 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

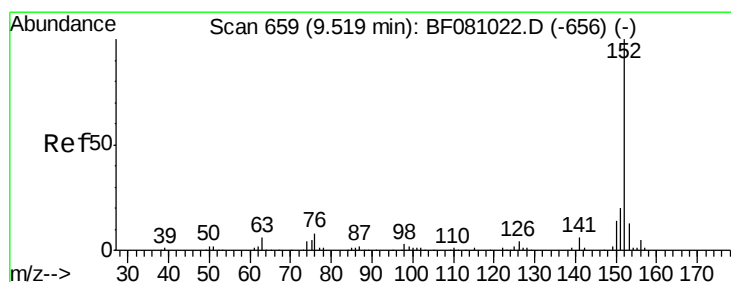
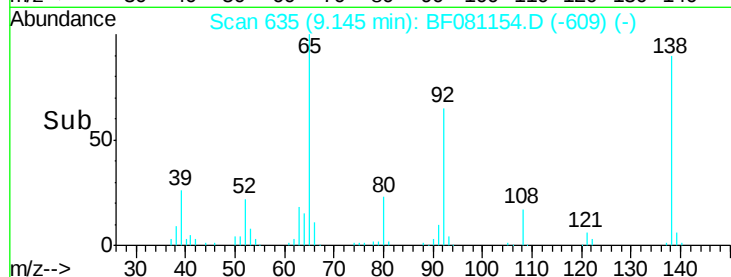
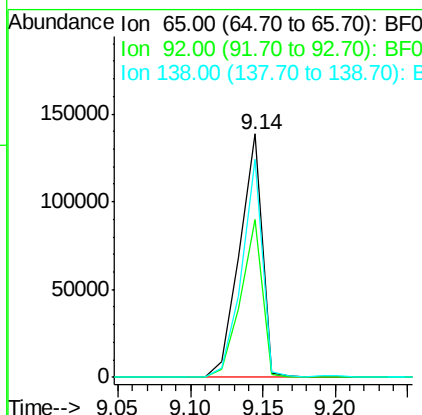
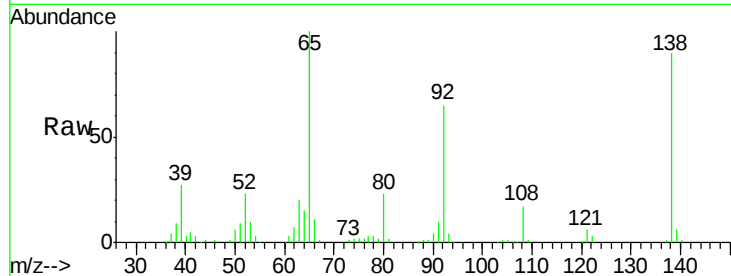




#47
2-Nitroaniline
Concen: 46.25 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

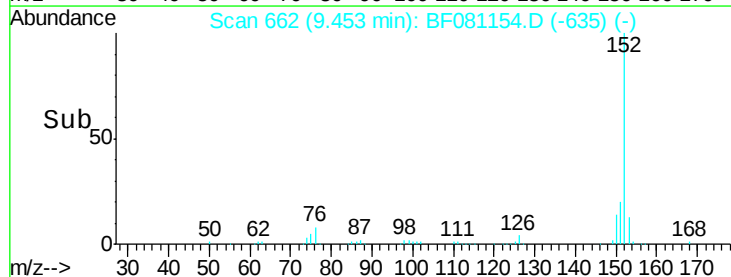
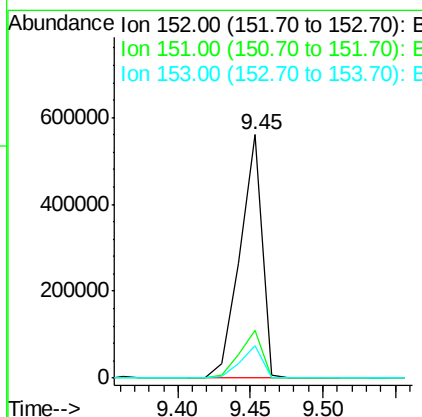
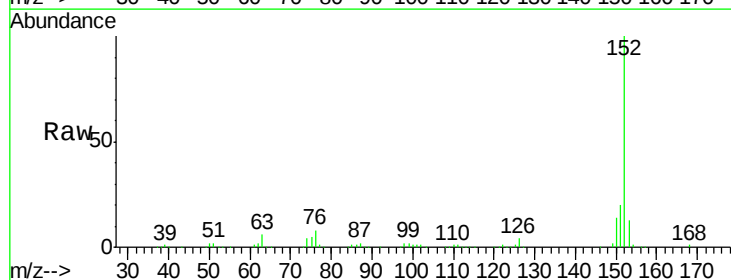
Instrument :
BNA_F
ClientSampleId :

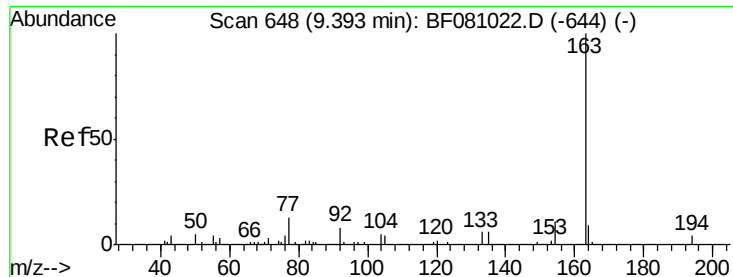
Tot Ion: 65 Resp: 150087
Ion Ratio Lower Upper
65 100
92 64.9 45.6 68.4
138 89.7 57.9 86.9#



#48
Acenaphthylene
Concen: 41.74 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:152 Resp: 592063
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.1 9.8 14.6

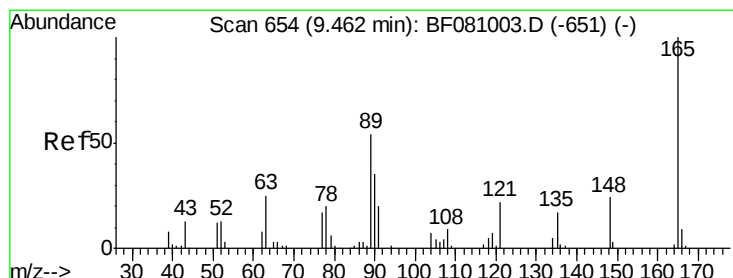
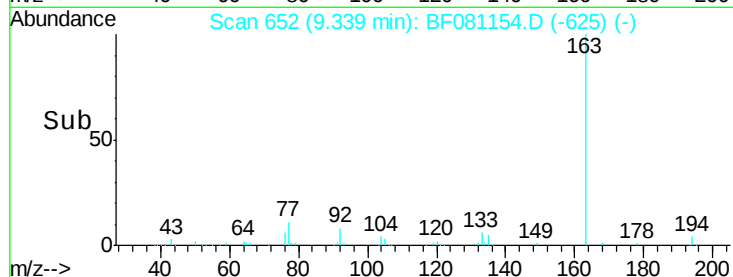
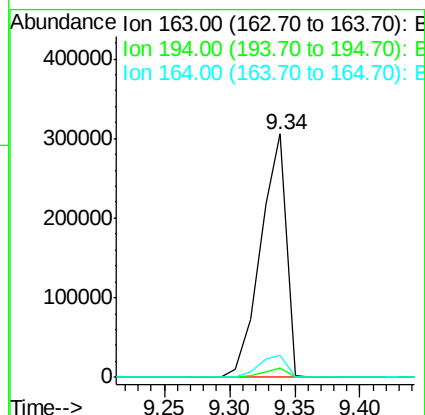
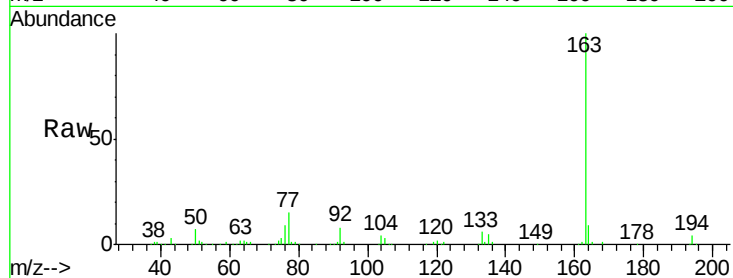




#49
Dimethylphthalate
Concen: 45.28 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

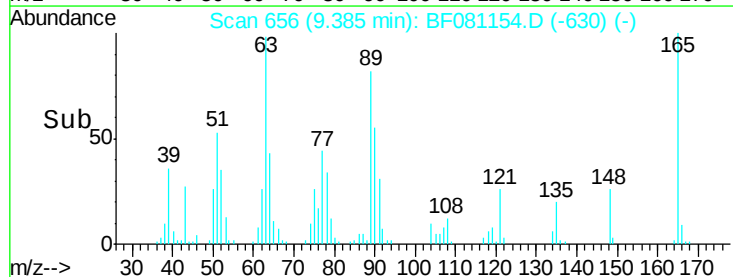
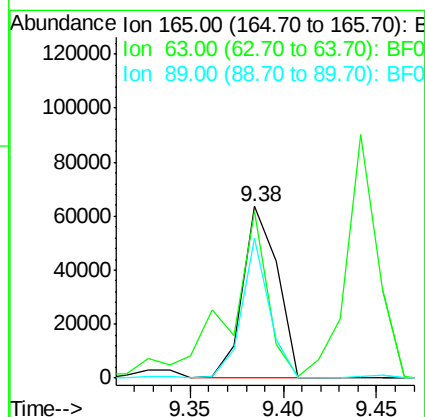
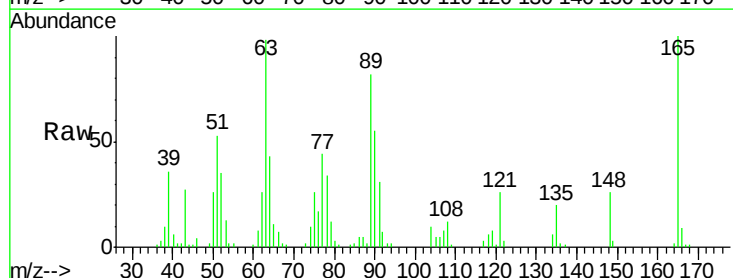
Instrument :
BNA_F
ClientSampleId :

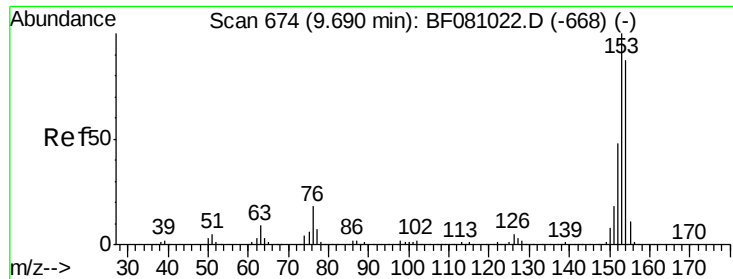
Tot Ion:163 Resp: 417842
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.41 ng
RT: 9.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:165 Resp: 82048
Ion Ratio Lower Upper
165 100
63 97.6 49.5 74.3#
89 81.6 47.6 71.4#





#51

Acenaphthene

Concen: 40.97 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

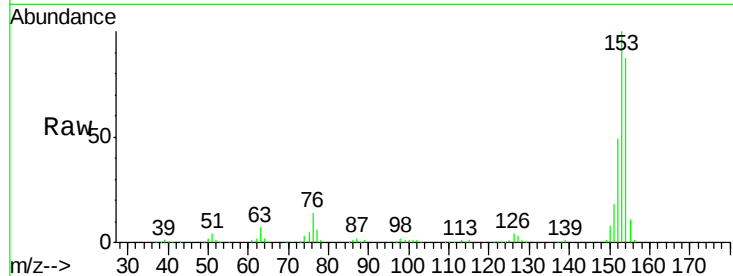
Tot Ion:154 Resp: 347937

Ion Ratio Lower Upper

154 100

153 114.4 91.4 137.2

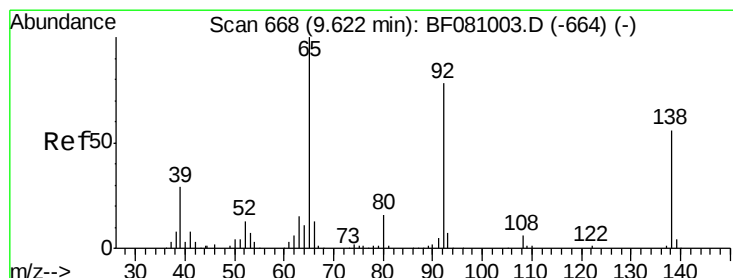
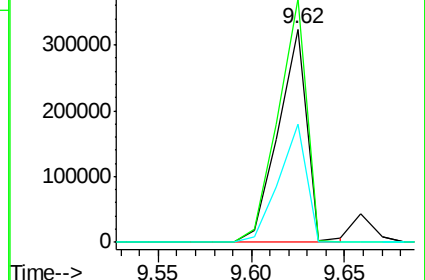
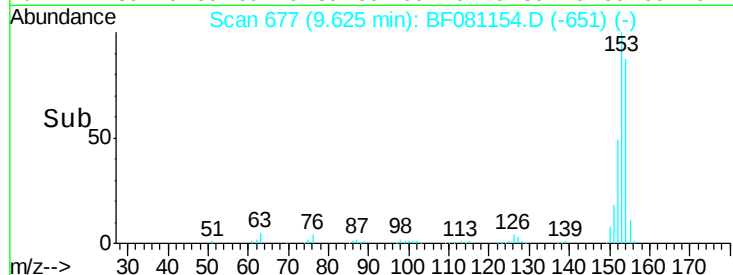
152 55.5 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.41 ng

RT: 9.54 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

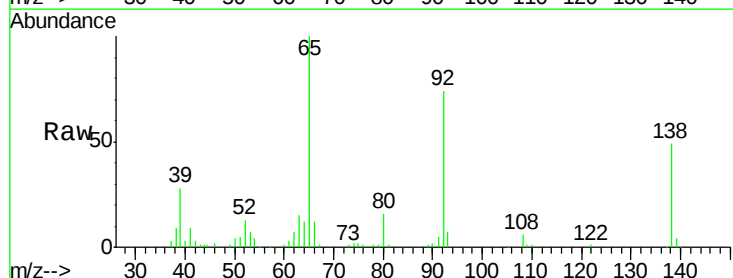
Tgt Ion:138 Resp: 50614

Ion Ratio Lower Upper

138 100

108 12.5 9.4 14.2

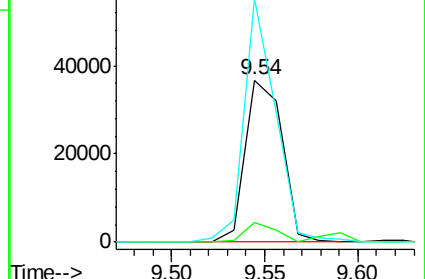
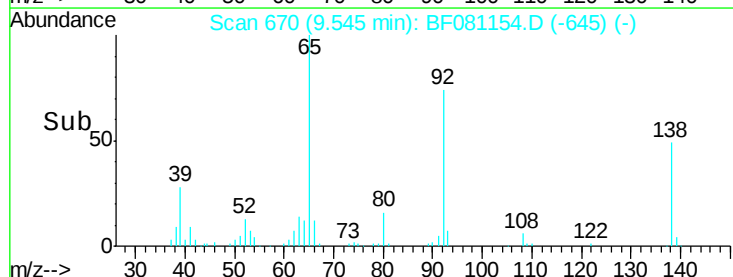
92 150.2 113.2 169.8

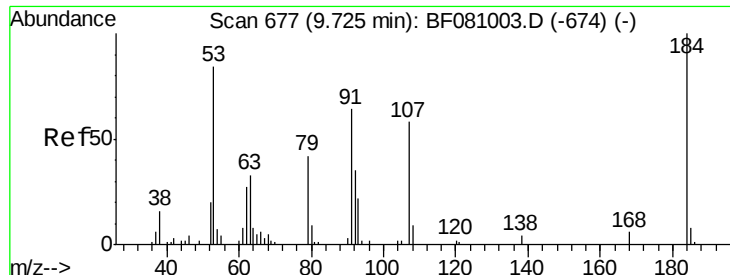


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

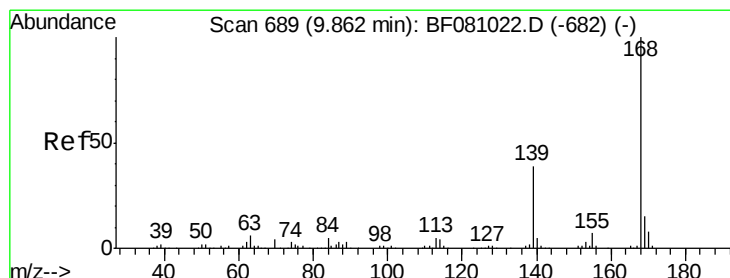
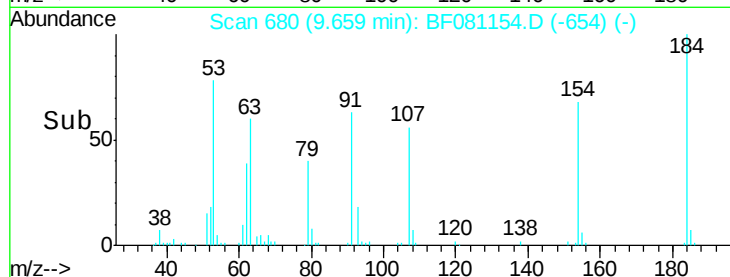
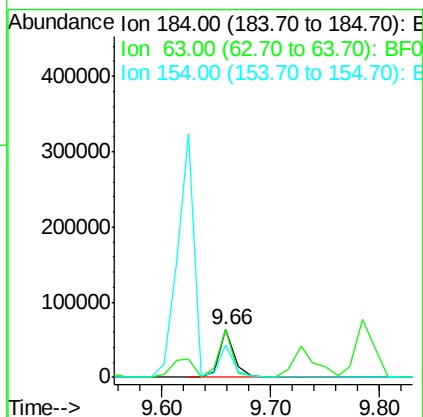
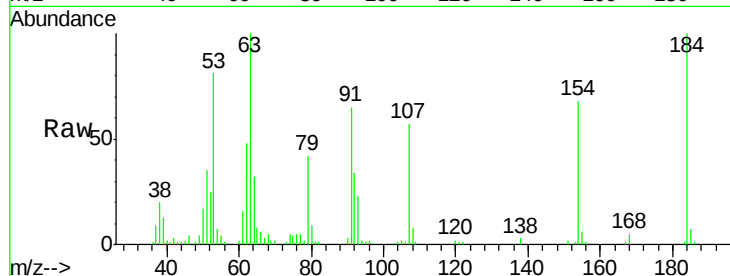




#53
2,4-Dinitrophenol
Concen: 60.63 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

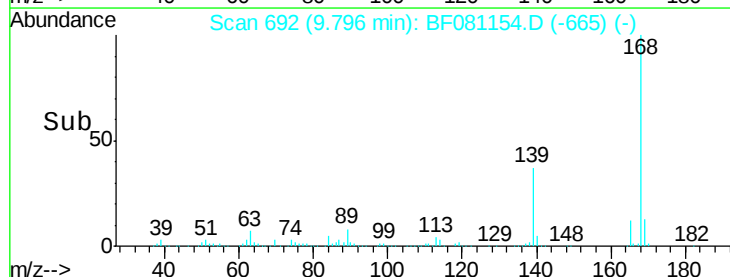
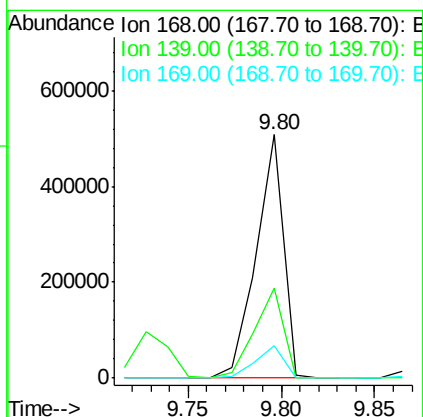
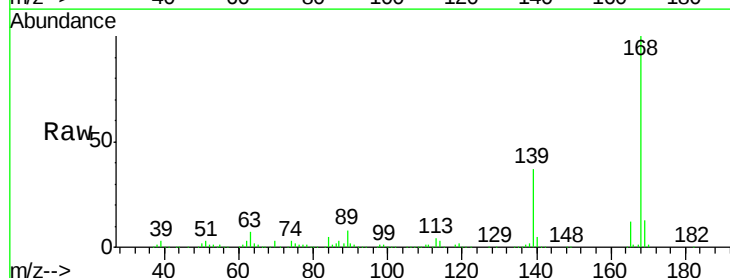
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 63124
Ion Ratio Lower Upper
184 100
63 100.1 101.7 152.5#
154 68.4 67.4 101.0



#54
Dibenzofuran
Concen: 45.02 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:168 Resp: 512330
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.4 10.3 15.5

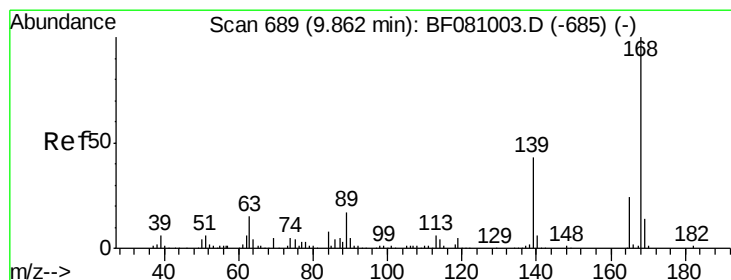
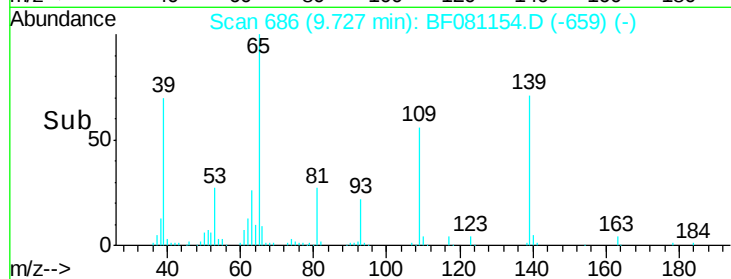
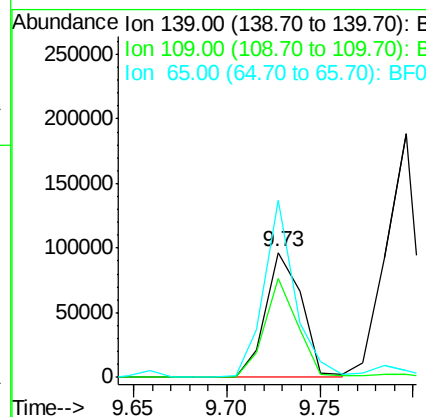
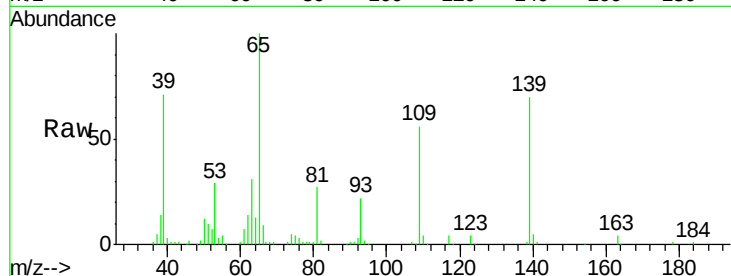




#55
4-Nitrophenol
Concen: 74.93 ng
RT: 9.73 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

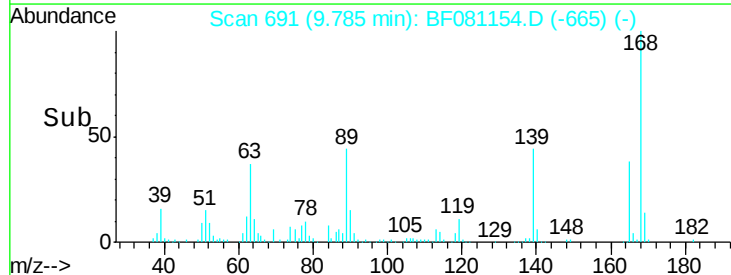
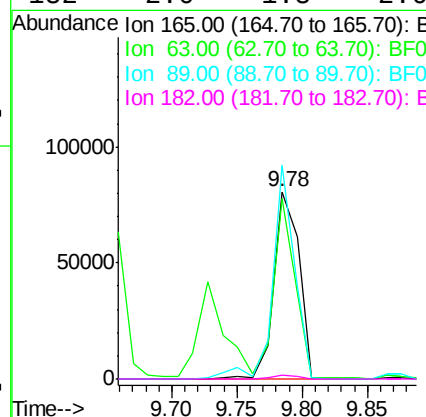
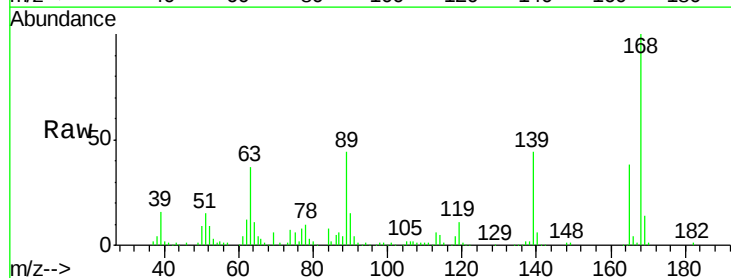
Instrument :
BNA_F
ClientSampleId :

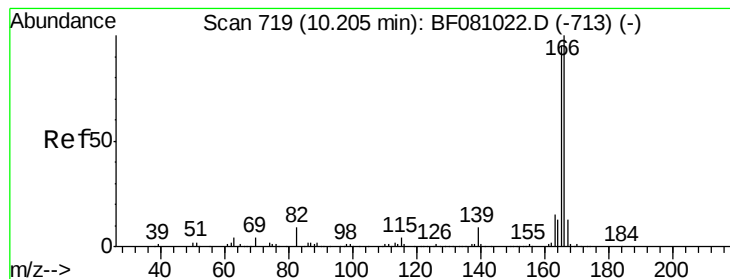
Tot Ion:139 Resp: 130485
Ion Ratio Lower Upper
139 100
109 79.3 80.0 120.0#
65 142.0 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 41.63 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:165 Resp: 109334
Ion Ratio Lower Upper
165 100
63 96.4 52.2 78.4#
89 114.0 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 41.13 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

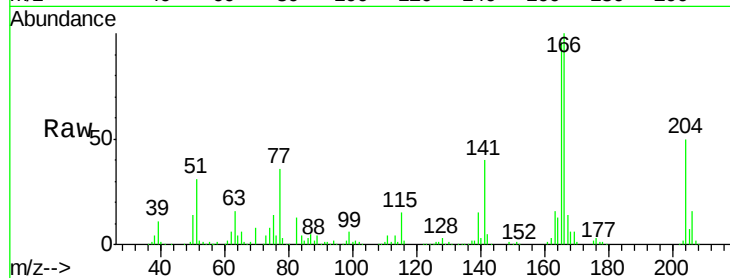
Tot Ion:166 Resp: 360053

Ion Ratio Lower Upper

166 100

165 96.2 75.8 113.8

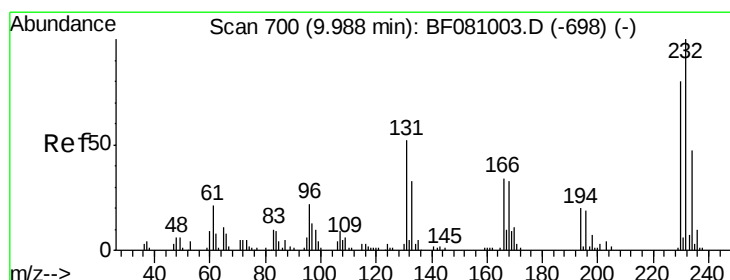
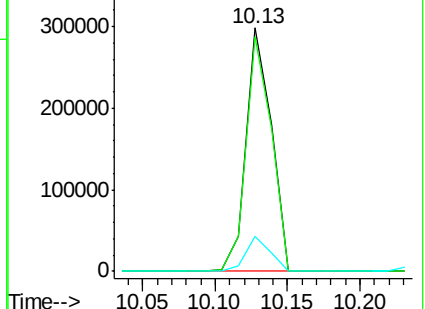
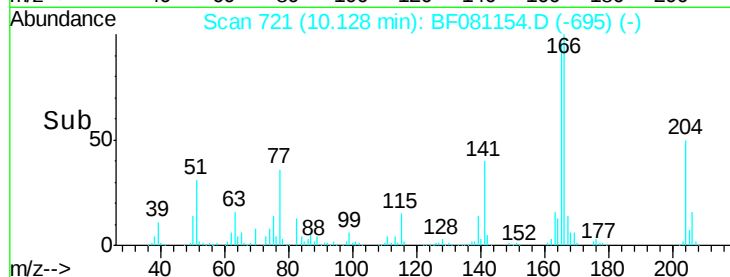
167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.88 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:232 Resp: 98554

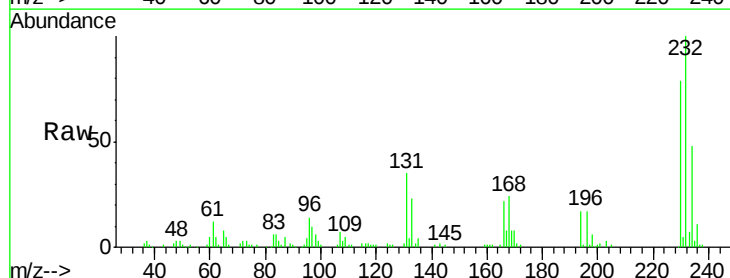
Ion Ratio Lower Upper

232 100

131 45.0 42.2 63.4

130 2.4 2.1 3.1

166 25.0 22.4 33.6

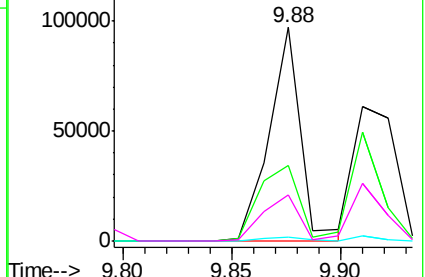
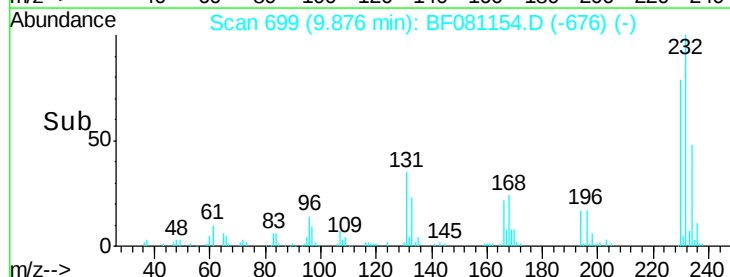


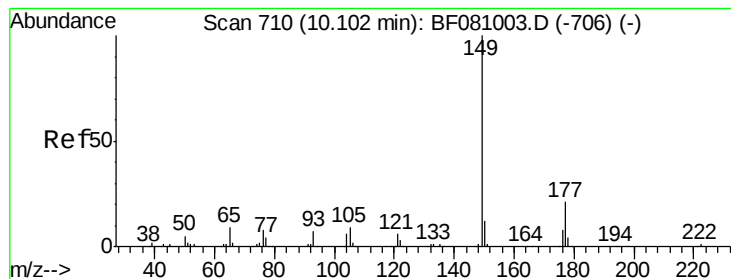
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.00 ng

RT: 10.02 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

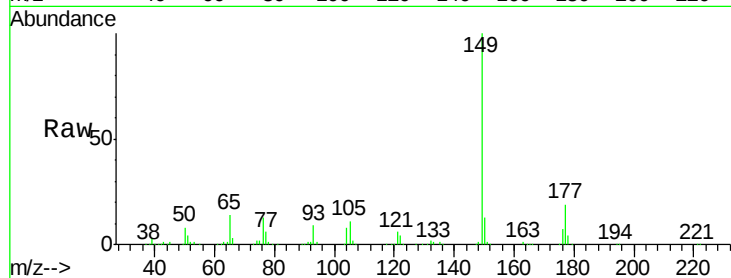
Tot Ion:149 Resp: 400495

Ion Ratio Lower Upper

149 100

177 18.8 14.1 21.1

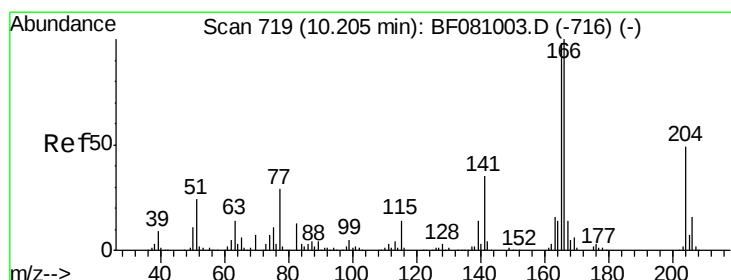
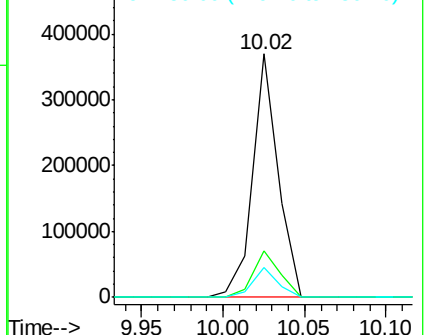
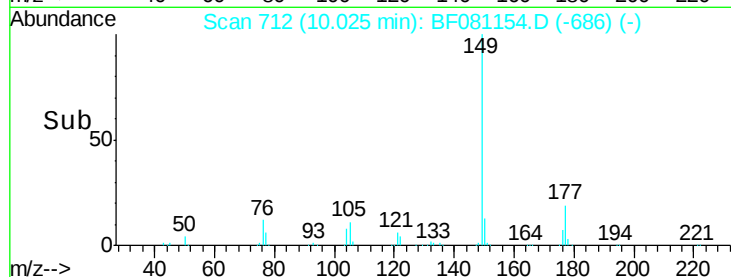
150 12.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.29 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

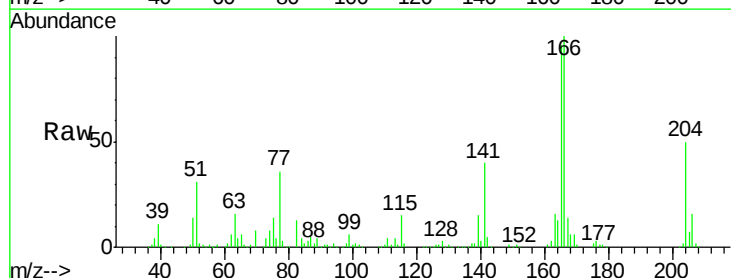
Tgt Ion:204 Resp: 156655

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

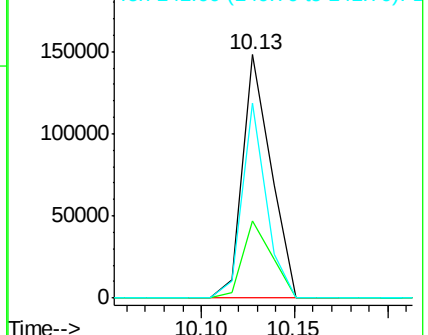
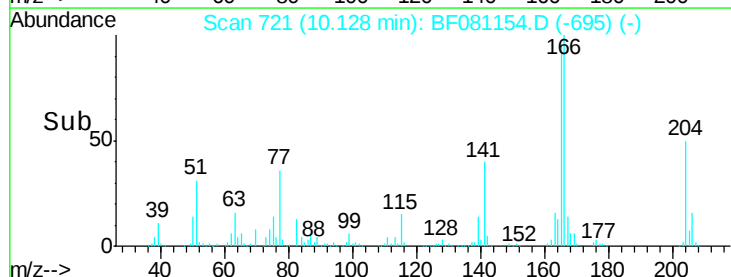
141 80.2 59.6 89.4

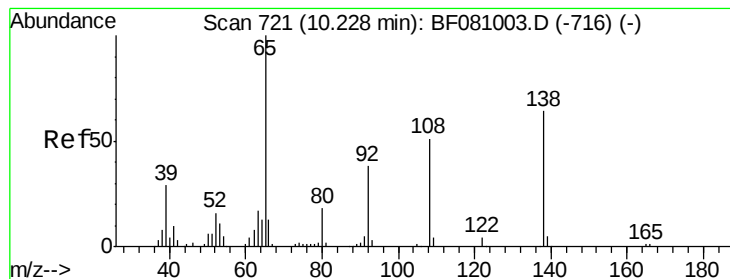


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.06 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

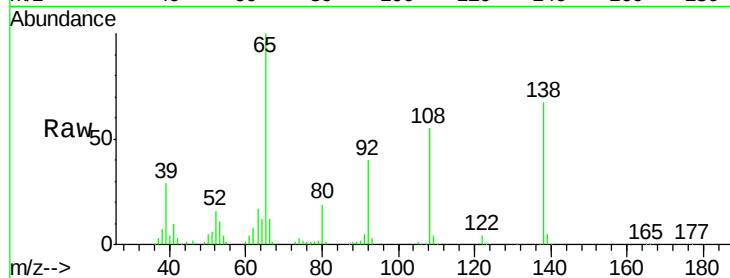
Tot Ion:138 Resp: 83782

Ion Ratio Lower Upper

138 100

92 59.6 34.7 74.7

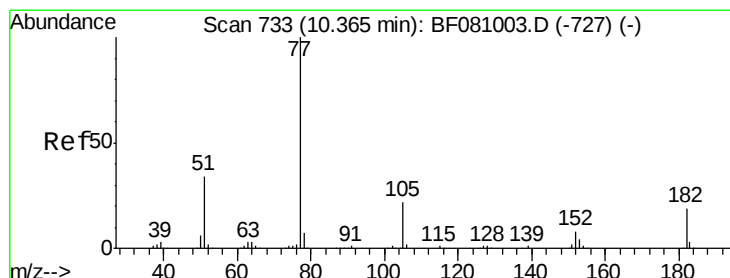
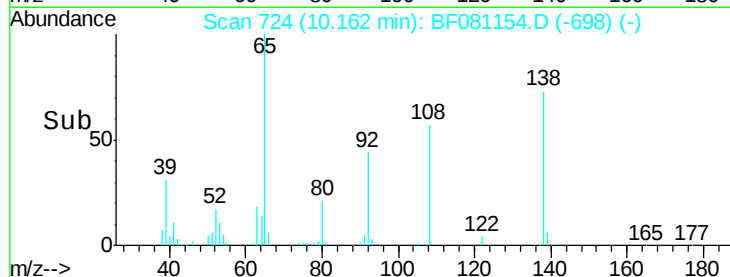
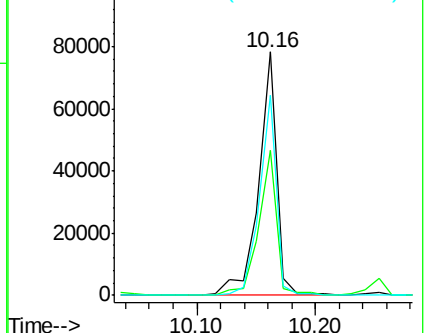
108 82.1 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.96 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion: 77 Resp: 494845

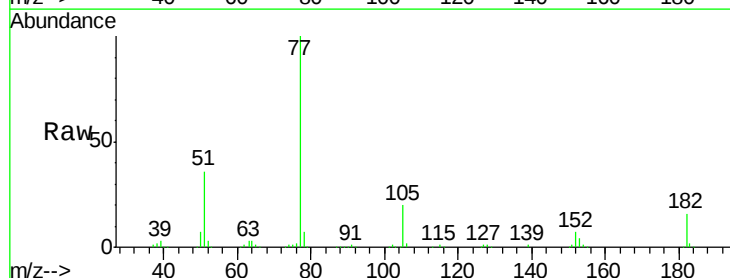
Ion Ratio Lower Upper

77 100

182 15.9 0.0 39.0

105 20.1 0.2 40.2

51 36.5 18.0 58.0

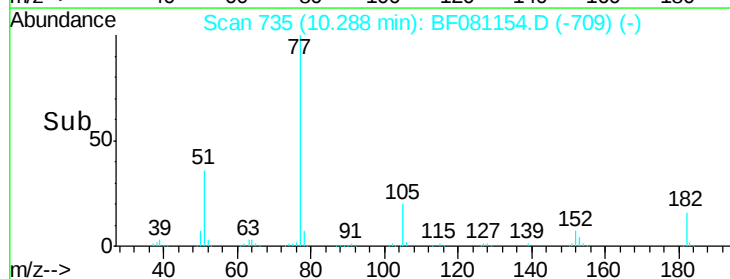
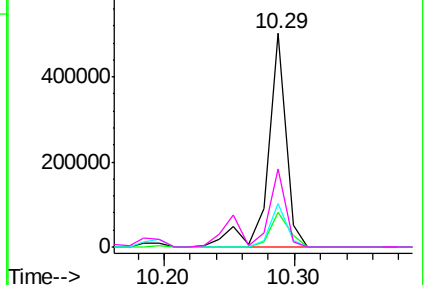


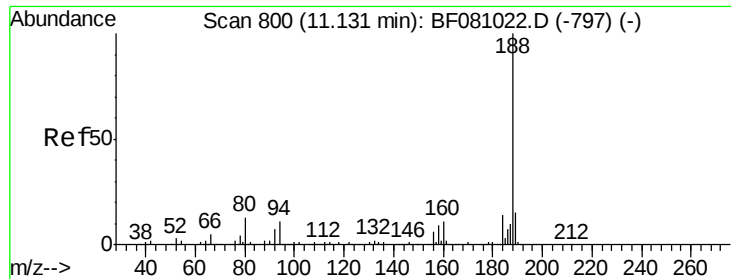
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

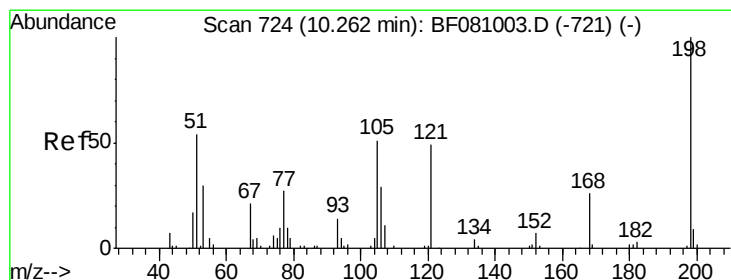
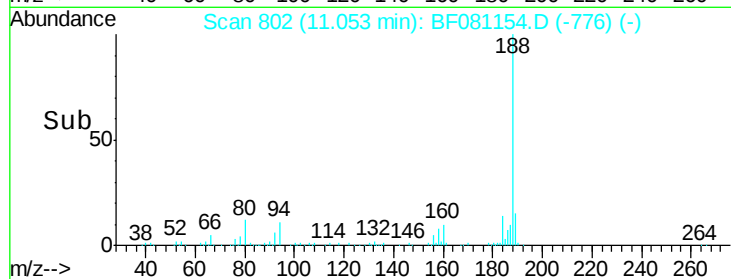
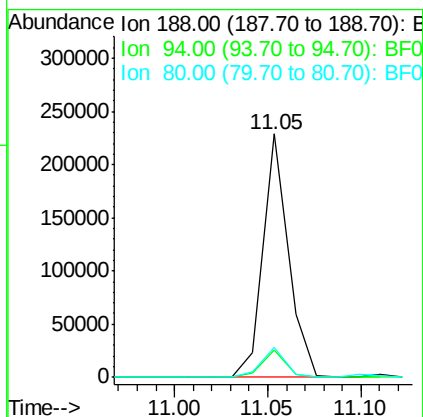
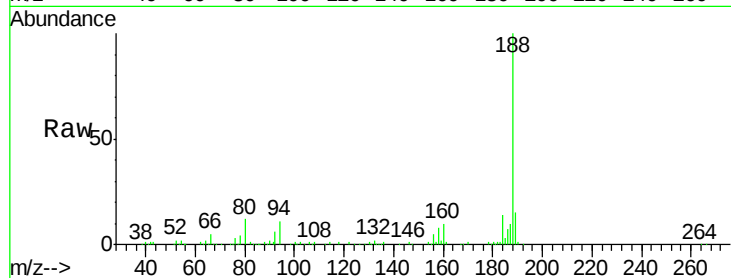




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

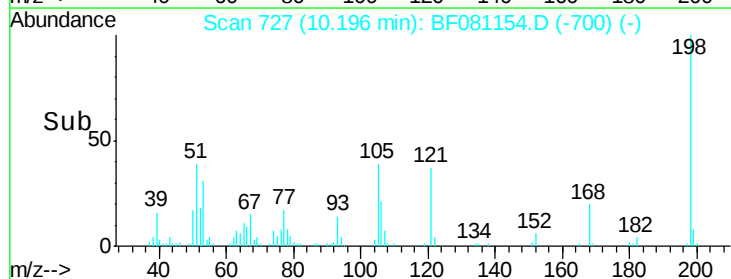
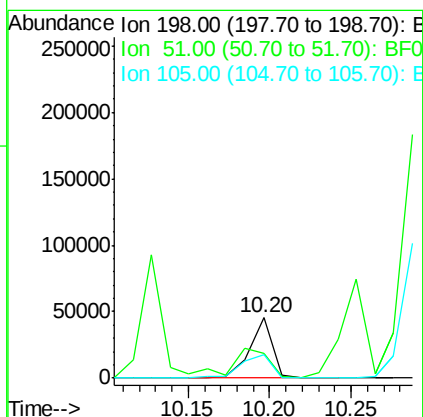
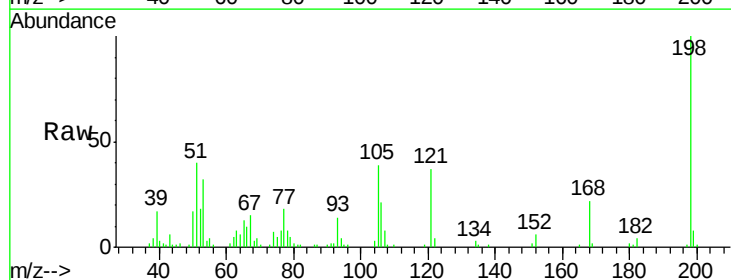
Instrument :
BNA_F
ClientSampleId :

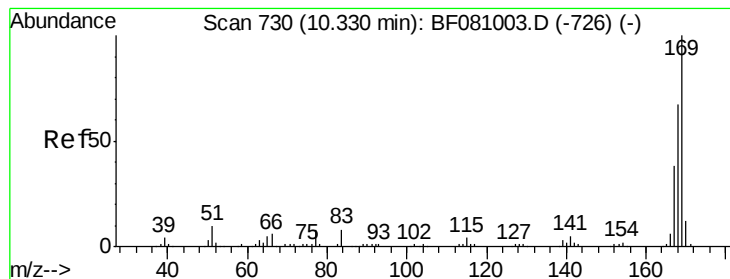
Tot Ion:188 Resp: 214696
Ion Ratio Lower Upper
188 100
94 11.3 8.2 12.2
80 12.1 9.5 14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 34.00 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:198 Resp: 43588
Ion Ratio Lower Upper
198 100
51 40.3 79.7 119.7#
105 38.9 47.0 87.0#

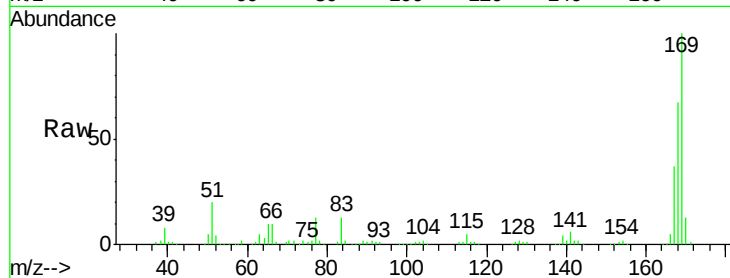




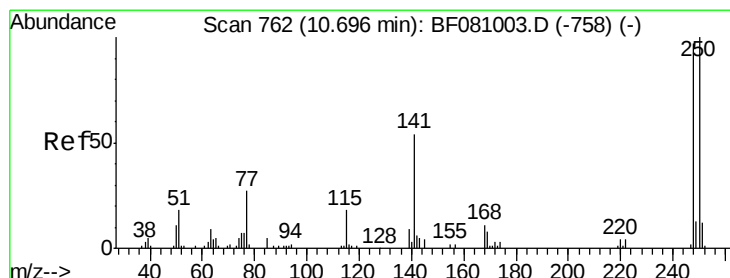
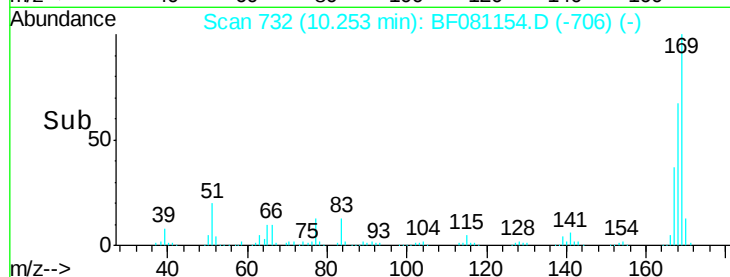
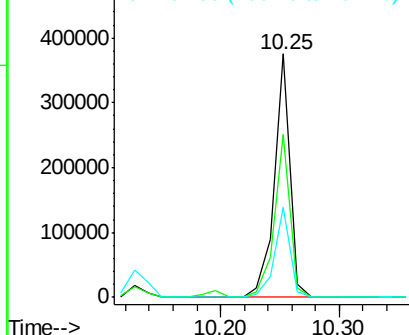
#65
 n-Nitrosodiphenylamine
 Concen: 44.75 ng
 RT: 10.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 342969
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.3 82.9
 167 37.2 30.8 46.2

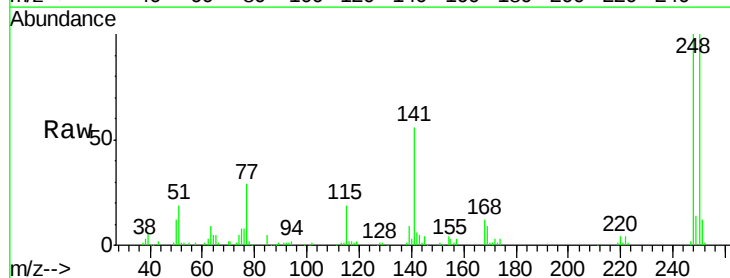


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

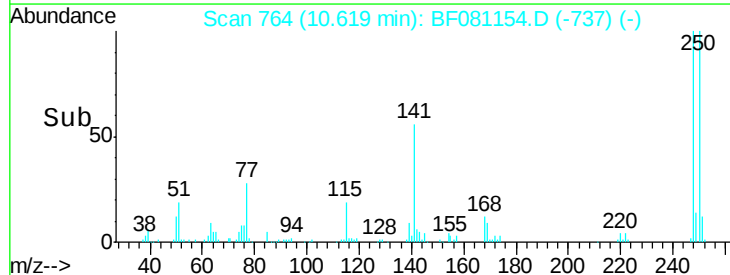
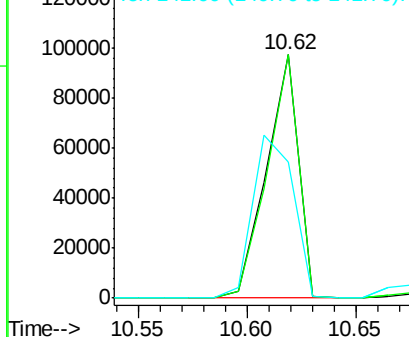


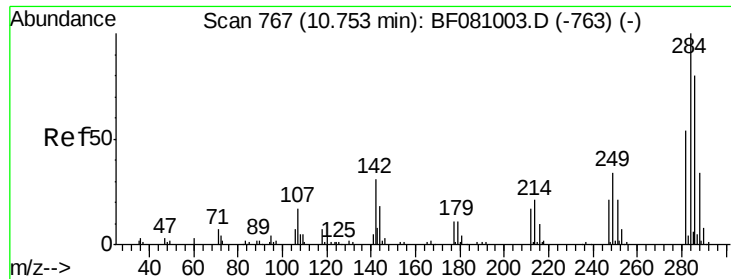
#66
 4-Bromophenyl-phenylether
 Concen: 47.91 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:248 Resp: 101053
 Ion Ratio Lower Upper
 248 100
 250 99.8 77.8 116.6
 141 56.1 39.8 59.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

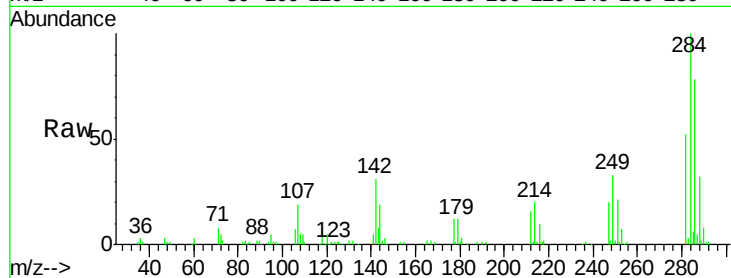




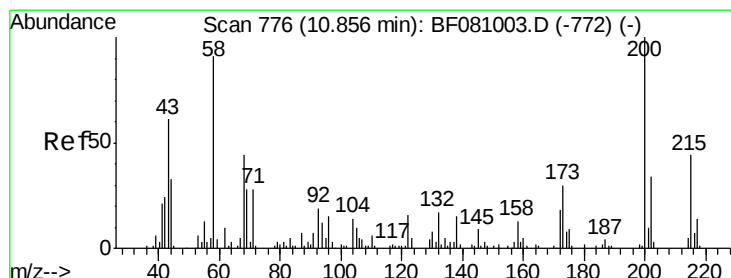
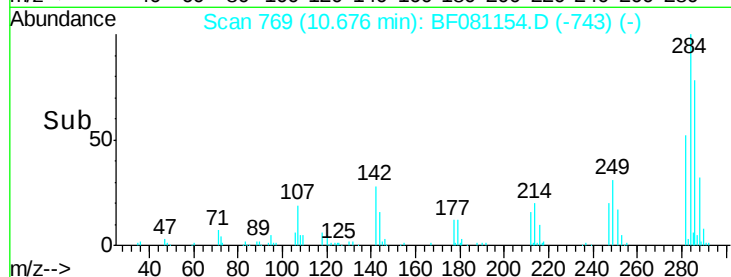
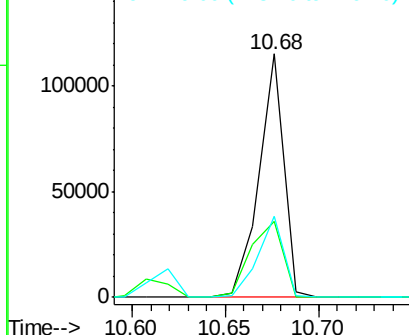
#67
Hexachlorobenzene
Concen: 49.18 ng
RT: 10.68 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 105040
Ion Ratio Lower Upper
284 100
142 31.3 25.4 38.0
249 33.1 28.5 42.7

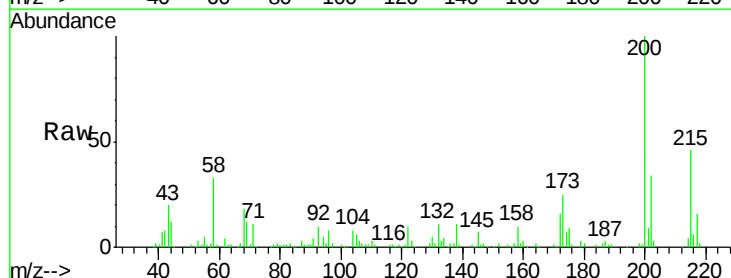


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

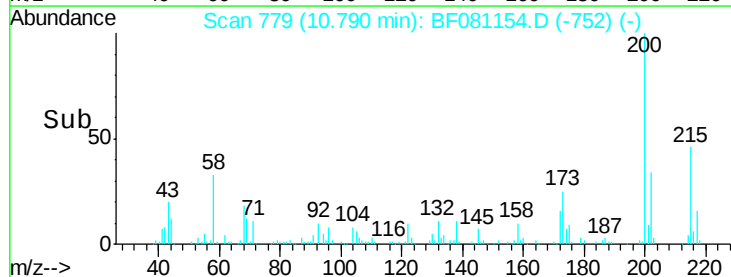
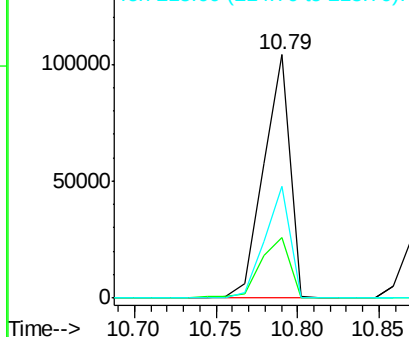


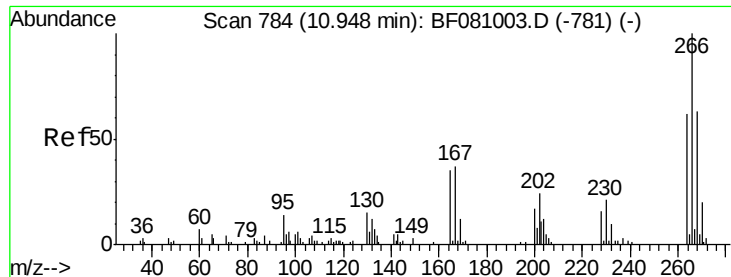
#68
Atrazine
Concen: 54.26 ng
RT: 10.79 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:200 Resp: 115866
Ion Ratio Lower Upper
200 100
173 24.9 8.1 48.1
215 45.9 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

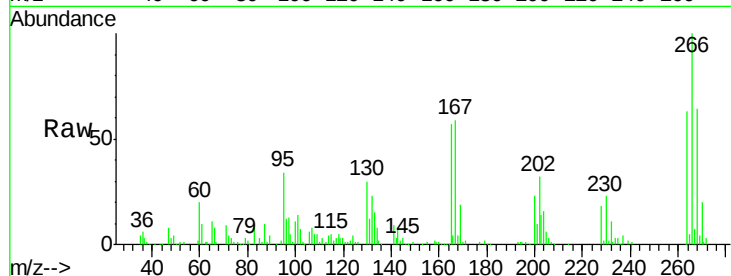




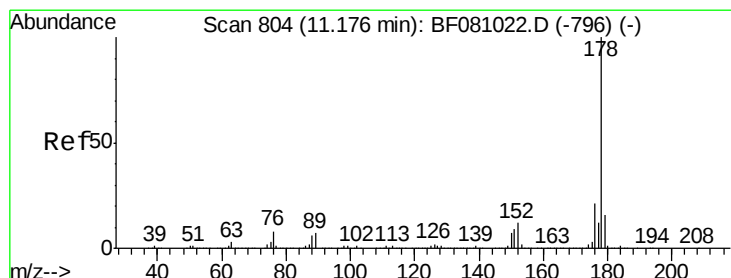
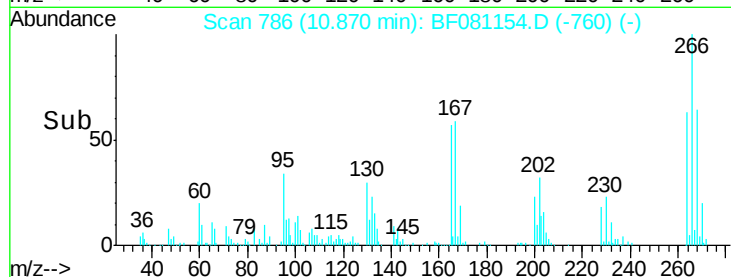
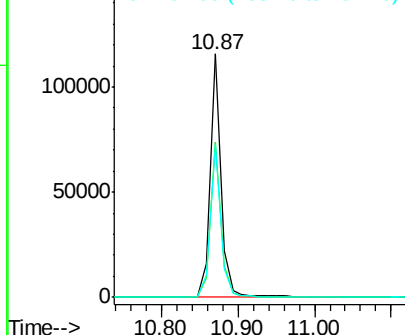
#69
 Pentachlorophenol
 Concen: 87.60 ng
 RT: 10.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 112264
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 62.8 50.6 75.8

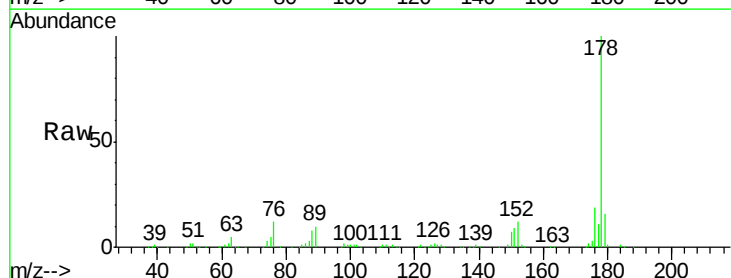


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

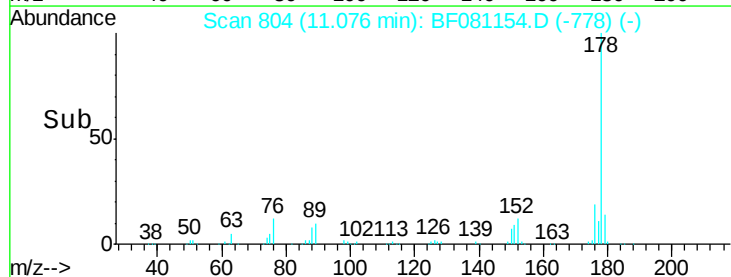
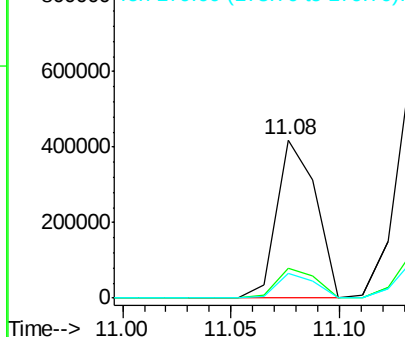


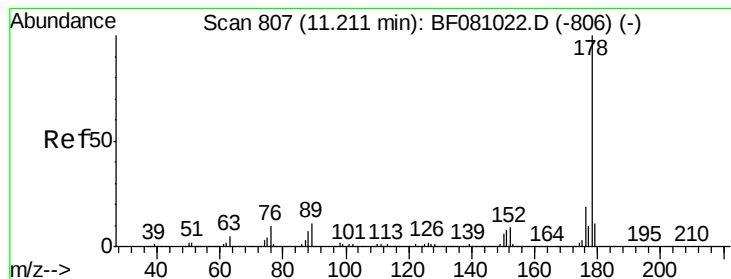
#70
 Phenanthrene
 Concen: 41.49 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:178 Resp: 527951
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.85 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

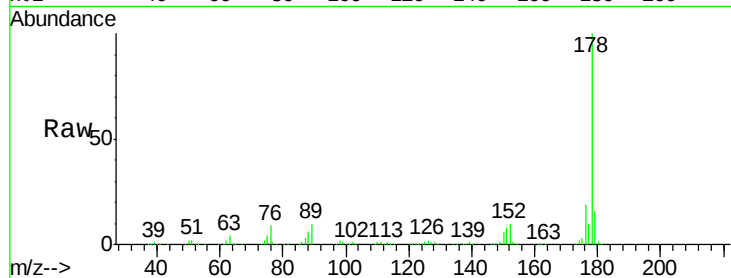
Tot Ion:178 Resp: 567673

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

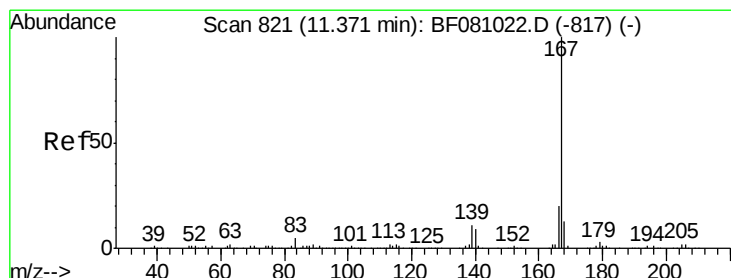
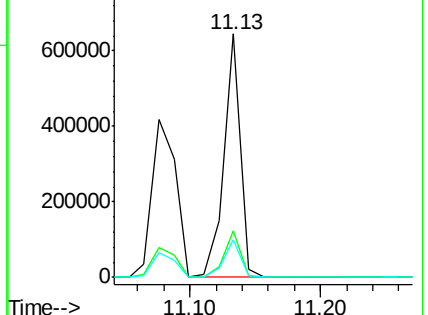
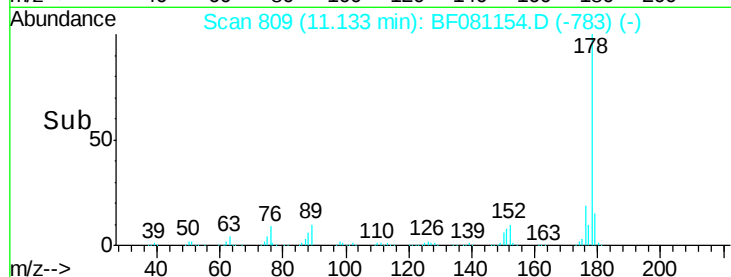
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.85 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

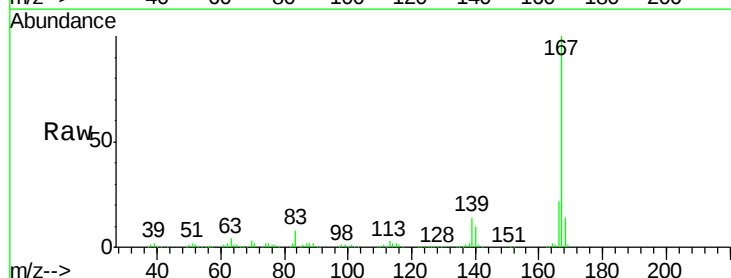
Tgt Ion:167 Resp: 582381

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

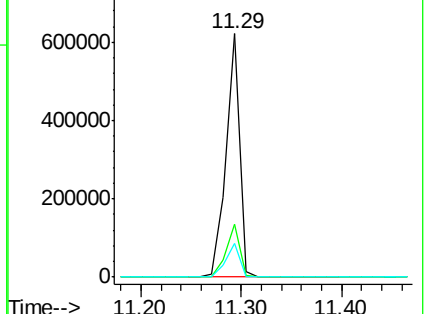
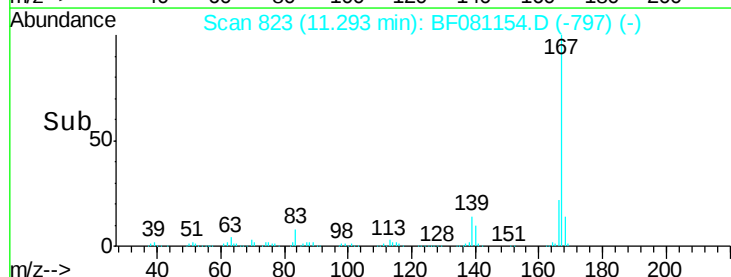
139 13.6 10.6 16.0

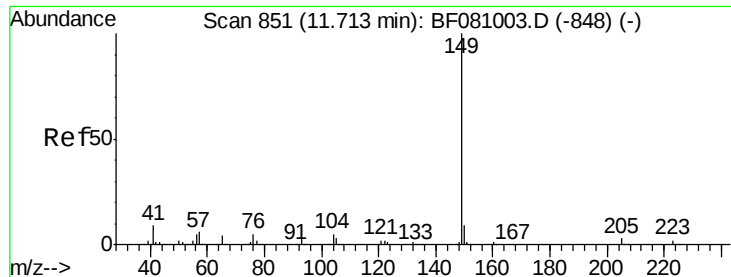


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.48 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

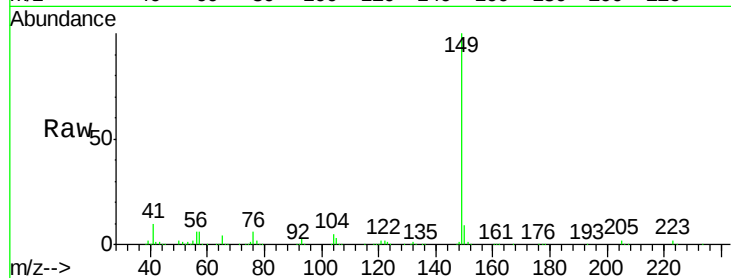
Tot Ion:149 Resp: 656095

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

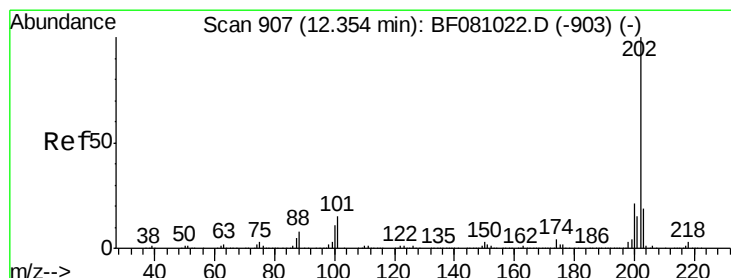
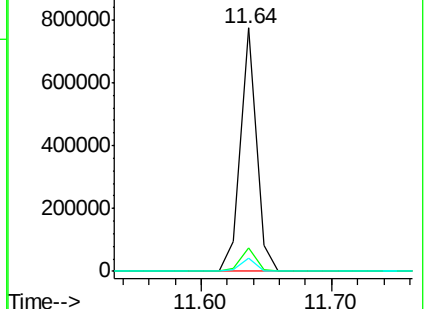
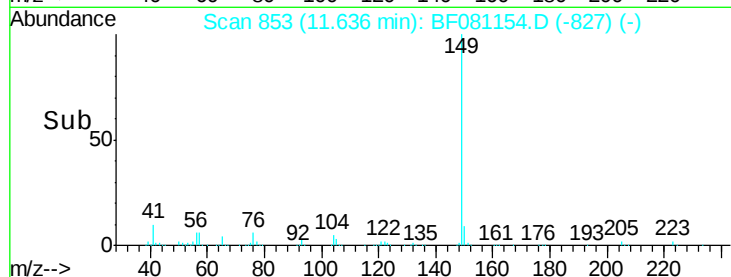
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.64 ng

RT: 12.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

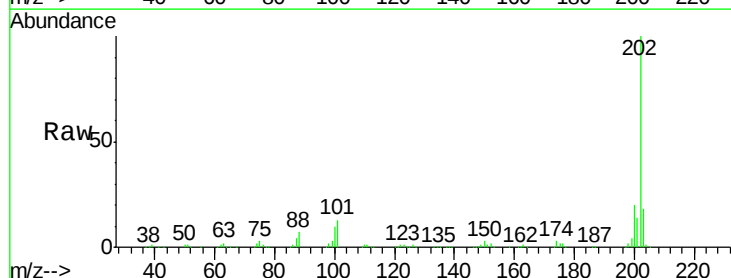
Tgt Ion:202 Resp: 530543

Ion Ratio Lower Upper

202 100

101 13.0 0.0 24.8

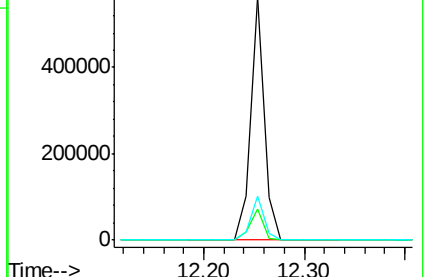
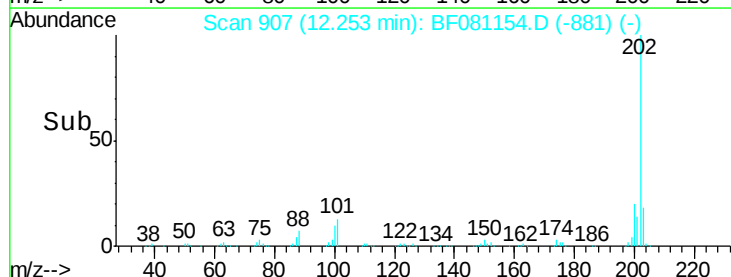
203 18.1 0.0 36.9

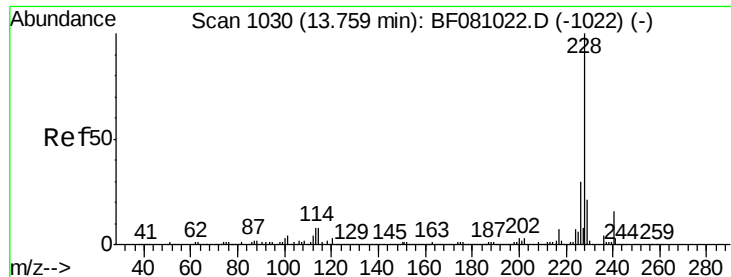


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

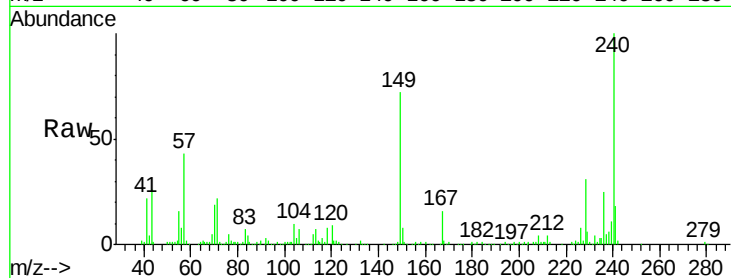
Tot Ion:240 Resp: 162768

Ion Ratio Lower Upper

240 100

120 9.1 5.6 8.4#

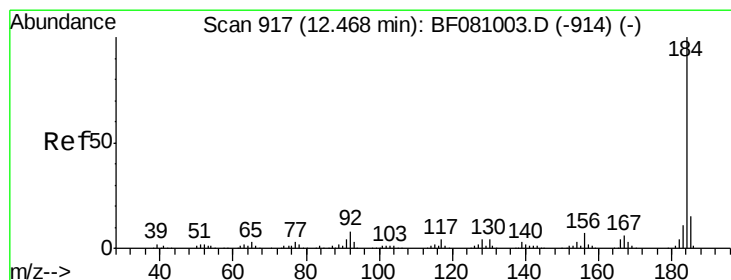
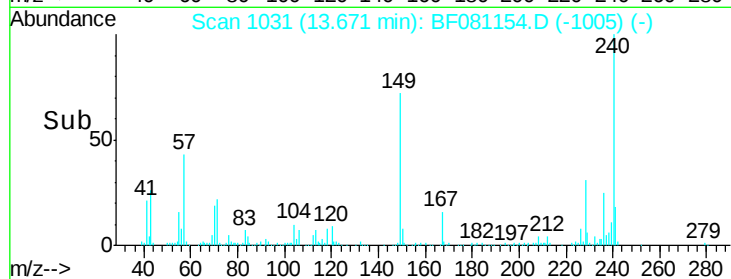
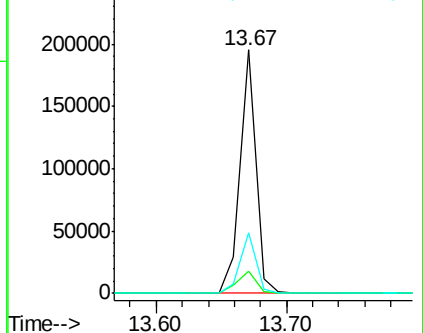
236 25.0 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.80 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

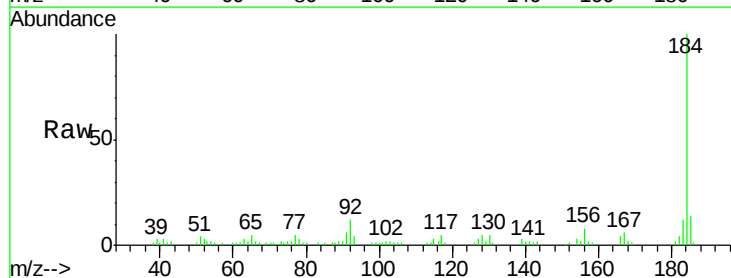
Tgt Ion:184 Resp: 91011

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

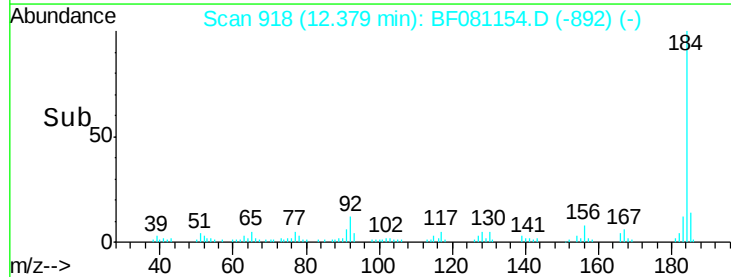
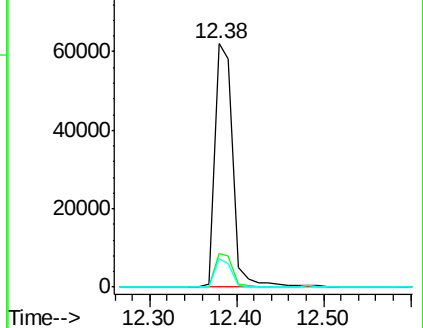
183 11.6 8.9 13.3

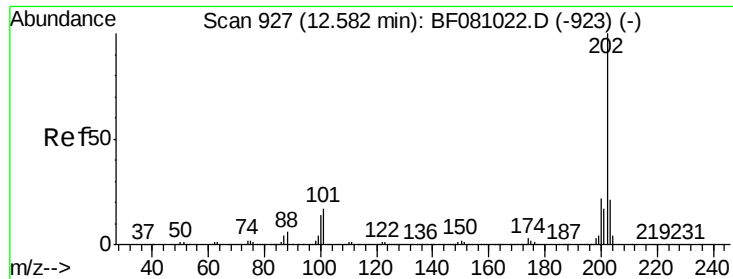


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

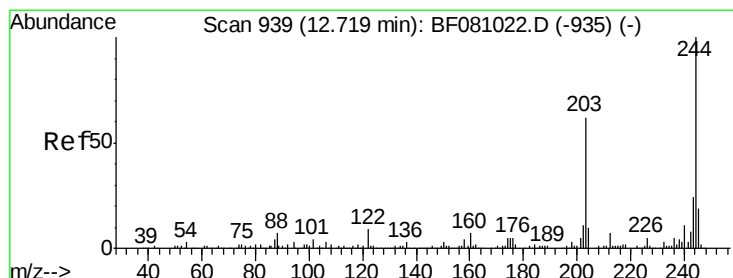
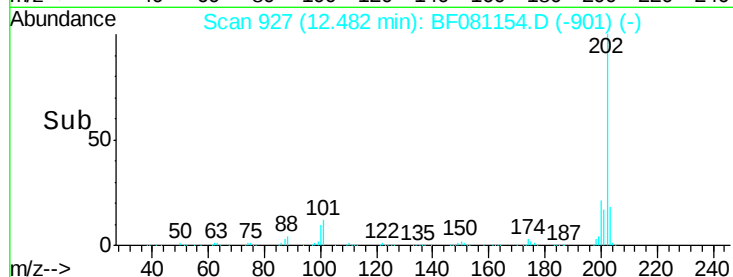
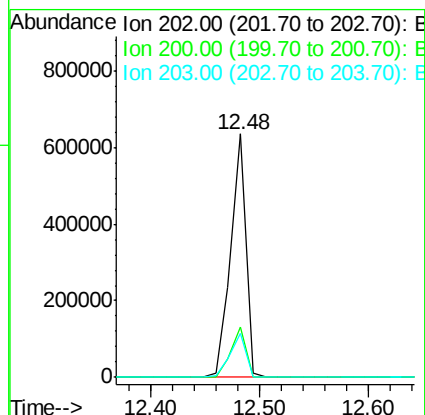
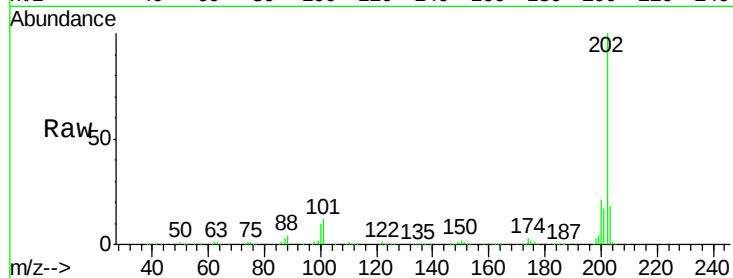




#77
Pvrene
Concen: 46.55 ng
RT: 12.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

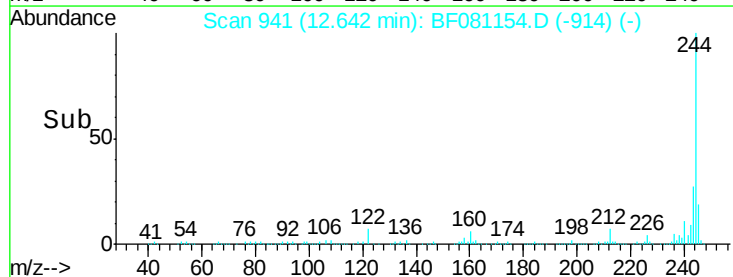
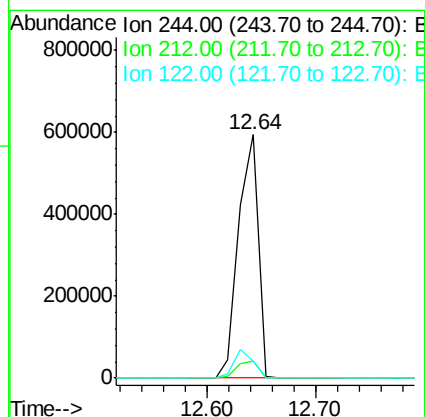
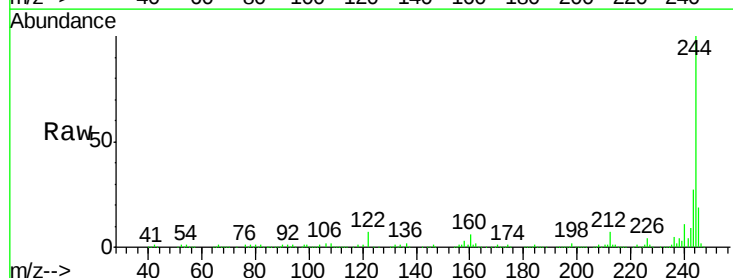
Instrument :
BNA_F
ClientSampleId :

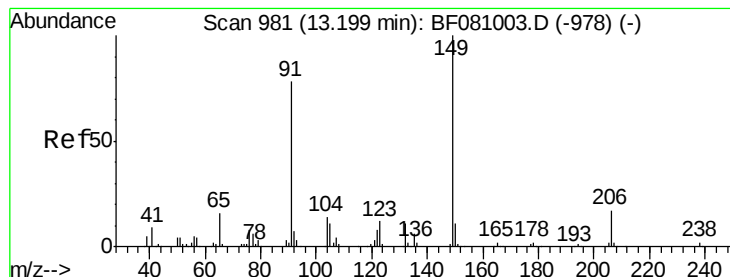
Tot Ion:202 Resp: 615888
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.8 14.1 21.1



#78
Terphenyl-d14
Concen: 96.77 ng
RT: 12.64 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:244 Resp: 734737
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 7.2 8.2 12.4#





#79

Butylbenzylphthalate

Concen: 48.34 ng

RT: 13.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

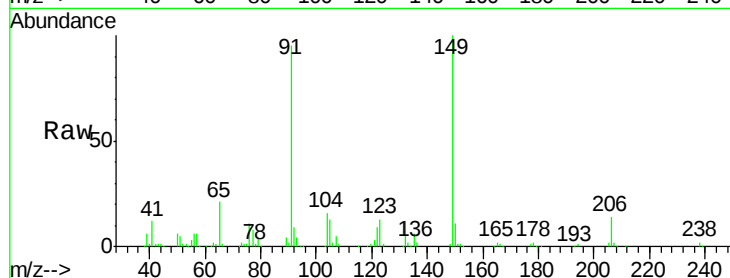
Tot Ion:149 Resp: 274932

Ion Ratio Lower Upper

149 100

91 94.8 46.9 70.3#

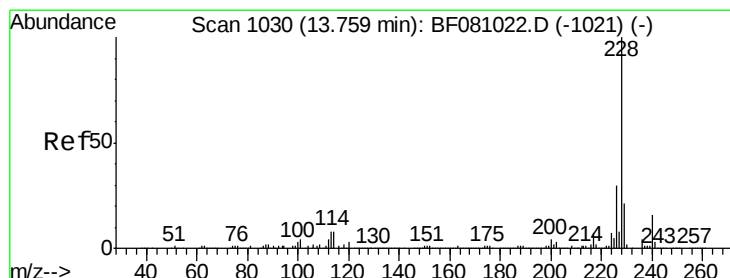
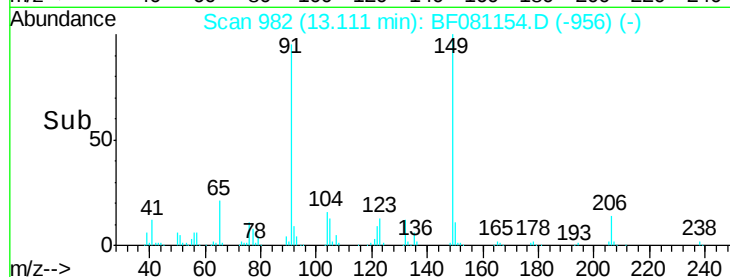
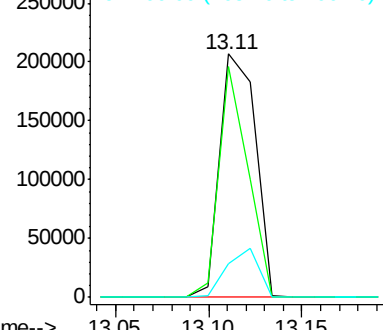
206 14.0 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.34 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

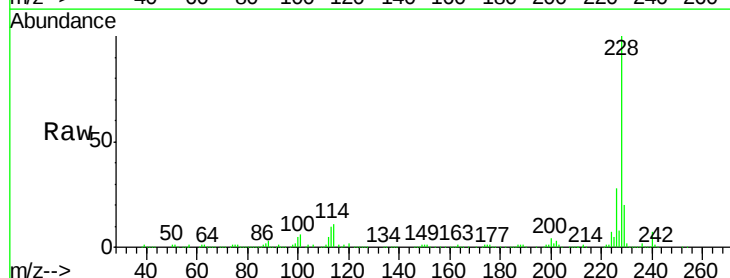
Tgt Ion:228 Resp: 462162

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

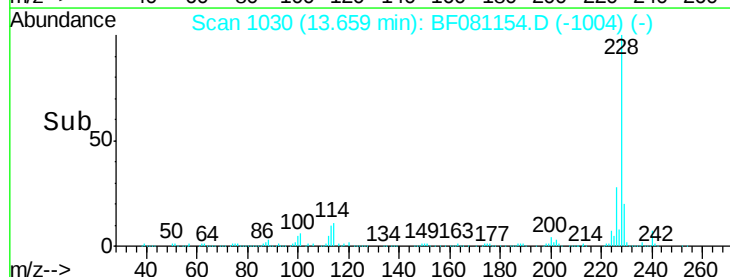
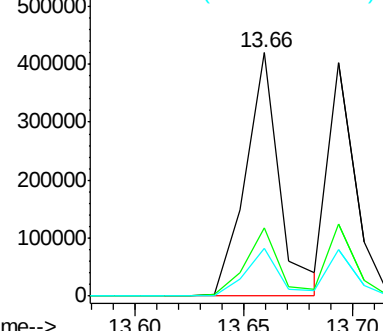
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

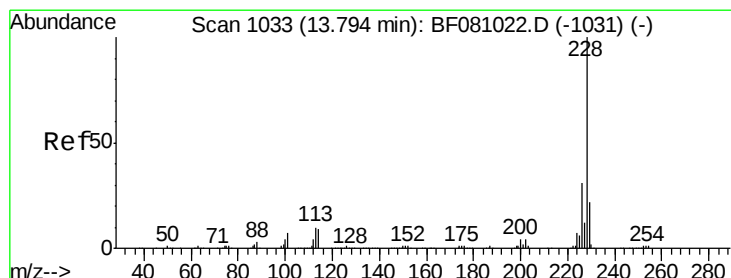
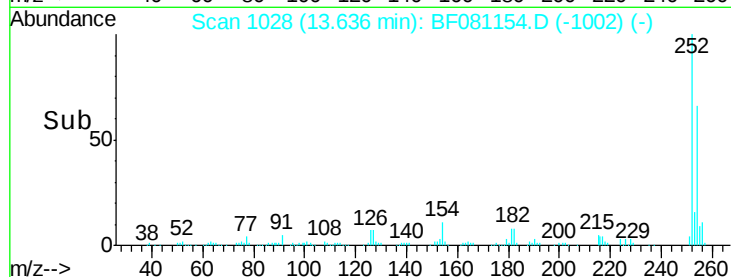
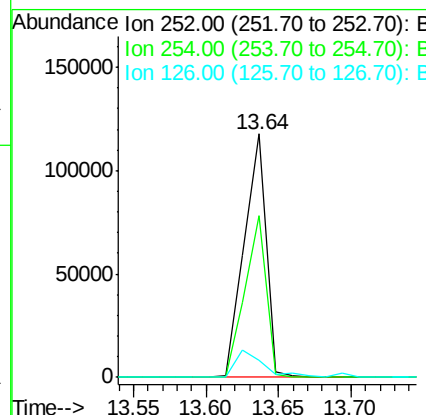
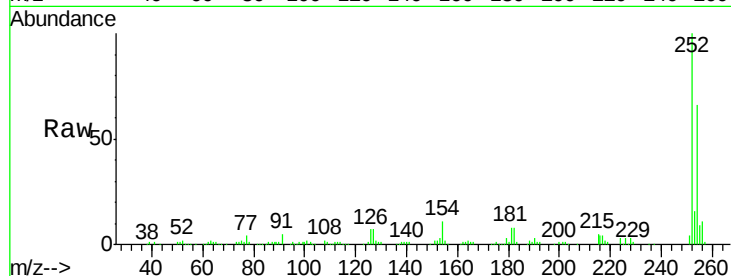




#81
 3,3'-Dichlorobenzidine
 Concen: 35.07 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

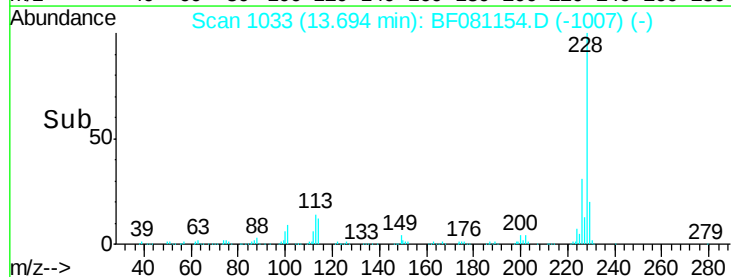
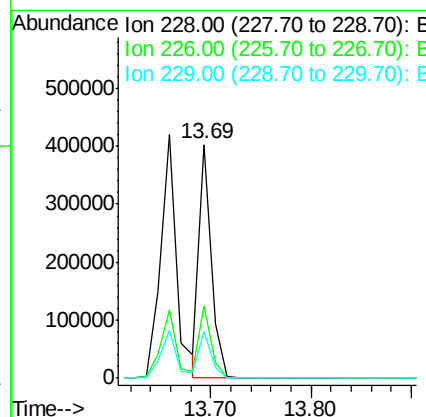
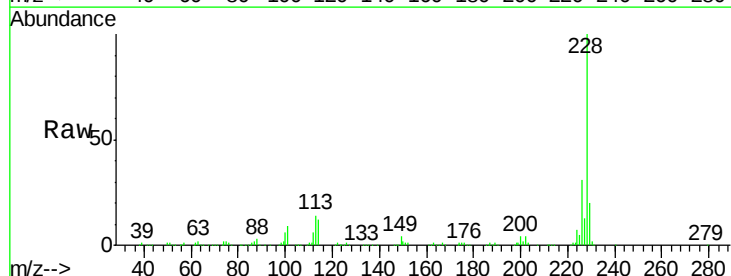
Instrument :
 BNA_F
 ClientSampleId :

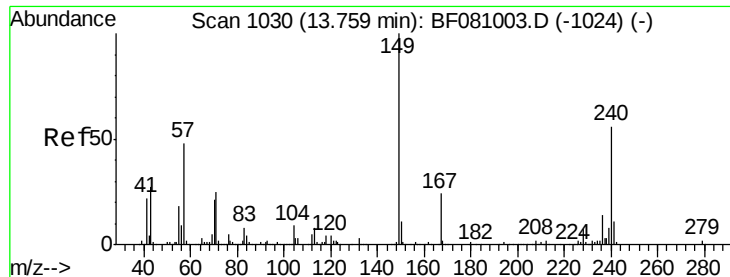
Tot Ion:252 Resp: 124000
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.5 77.3
 126 6.9 12.5 18.7#



#82
 Chrysene
 Concen: 35.34 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:228 Resp: 347634
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 20.1 16.0 24.0

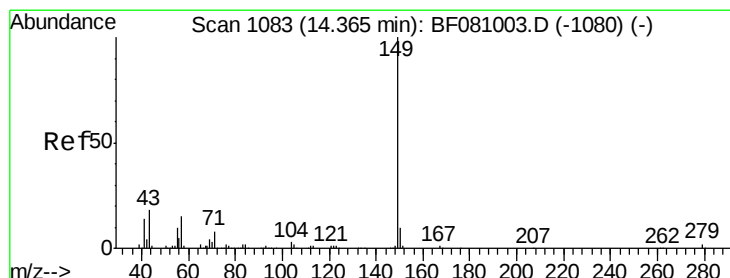
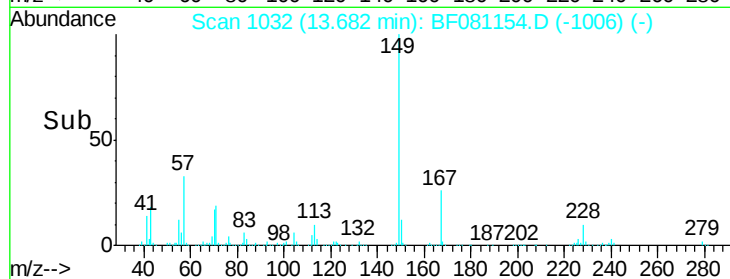
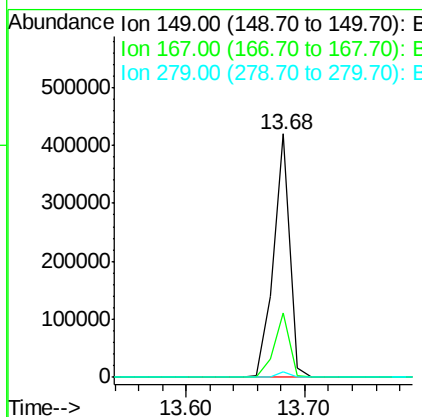
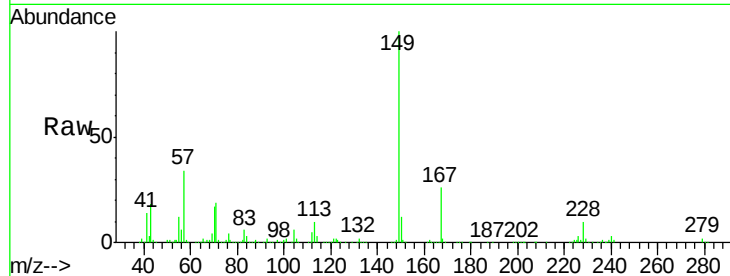




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.74 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

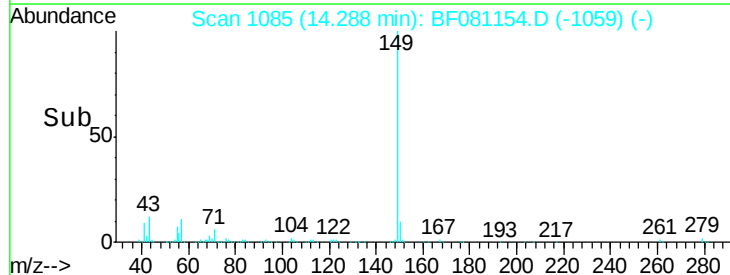
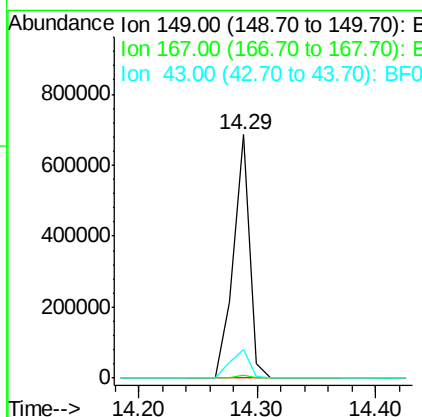
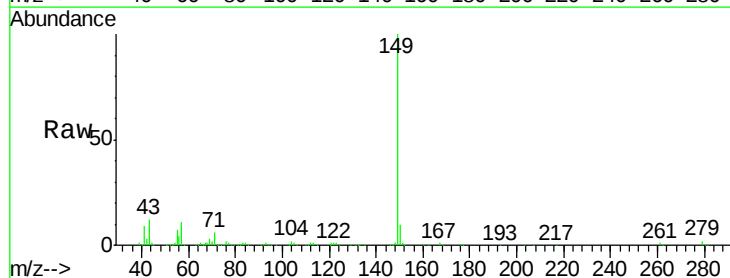
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 398829
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.7 31.1
 279 2.5 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 58.70 ng
 RT: 14.29 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:149 Resp: 650015
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 13.8 11.6 17.4

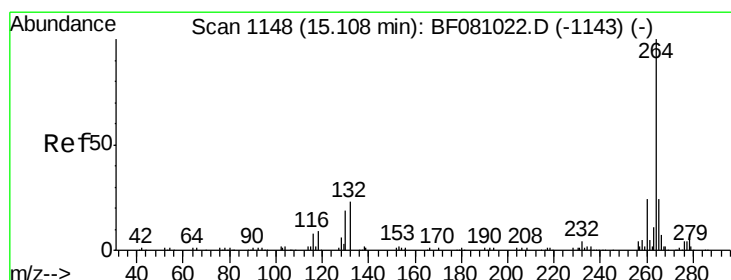
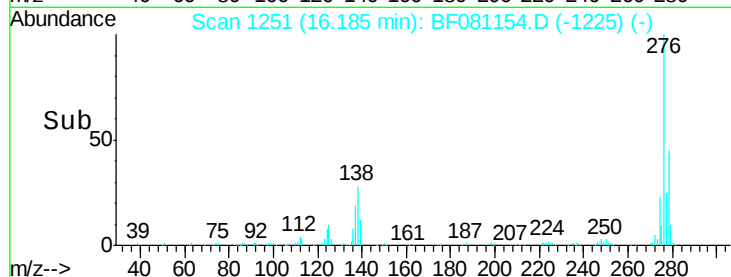
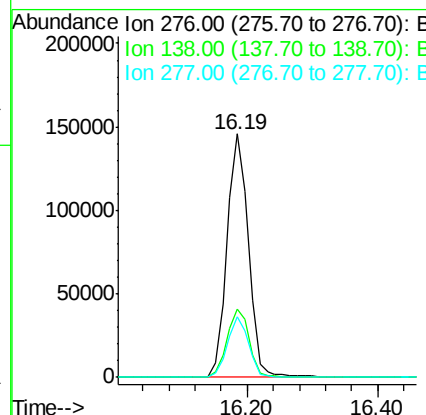
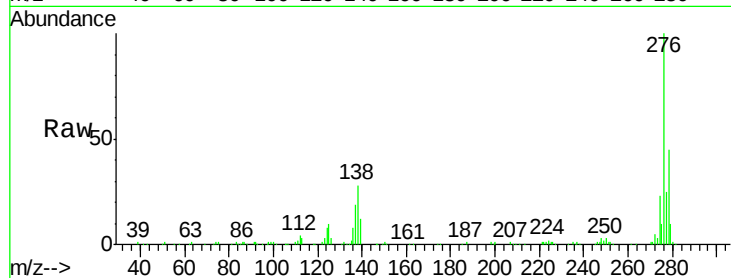




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.18 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

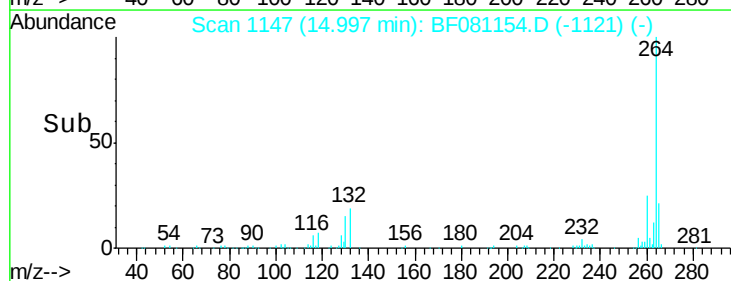
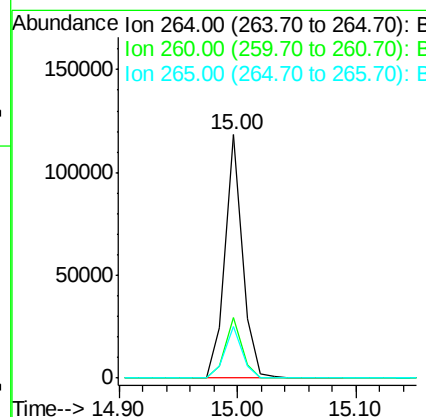
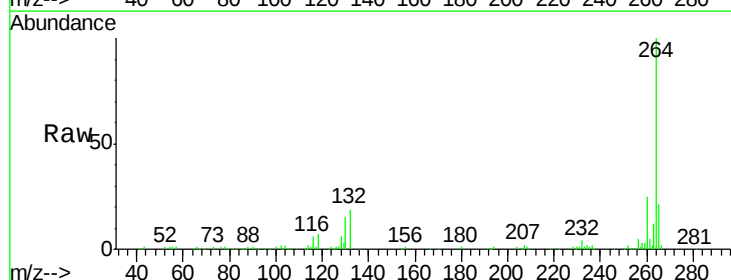
Instrument :
 BNA_F
 ClientSampleId :

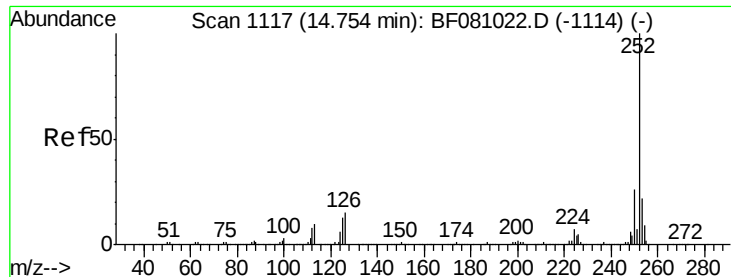
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 84.93 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

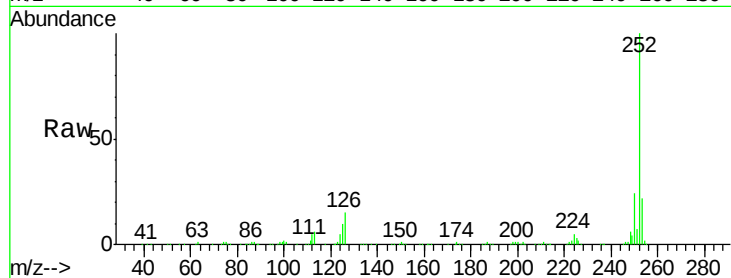
Tot Ion:252 Resp: 723903

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

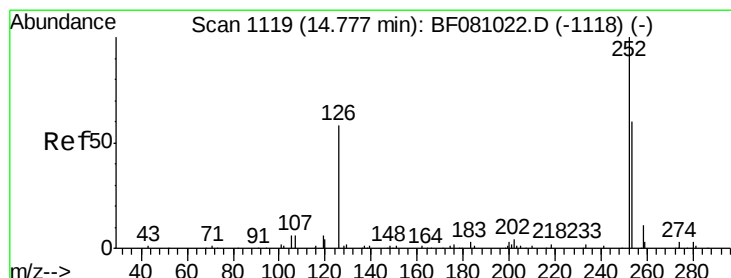
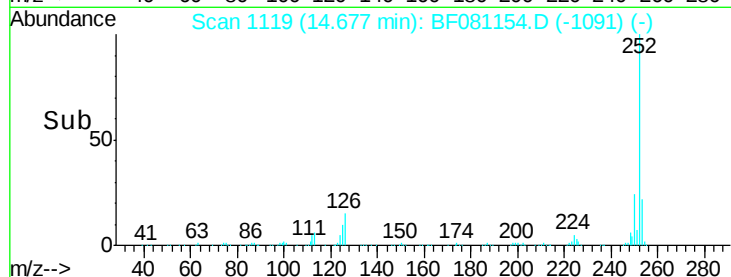
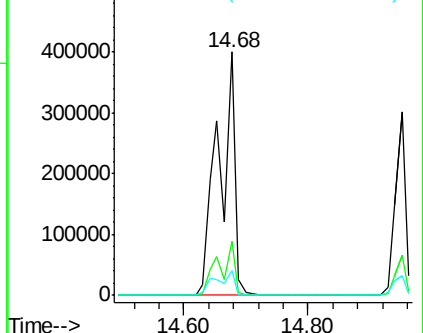
125 10.0 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.15 ng

RT: 14.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

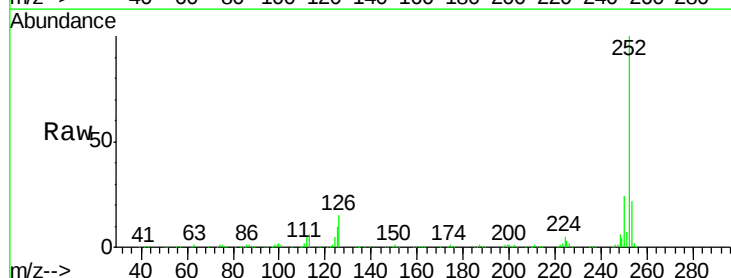
Tgt Ion:252 Resp: 723903

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

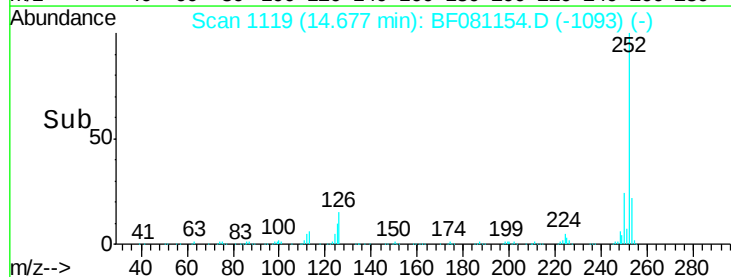
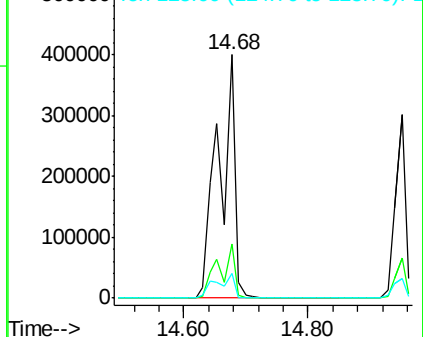
125 10.0 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

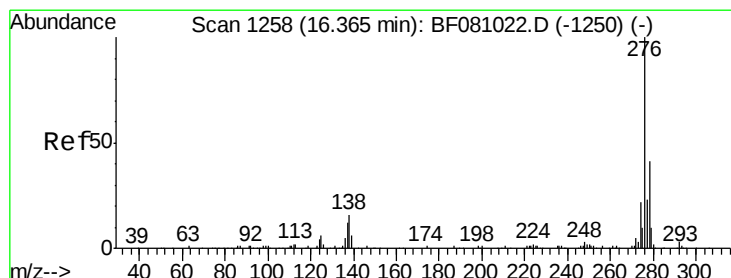
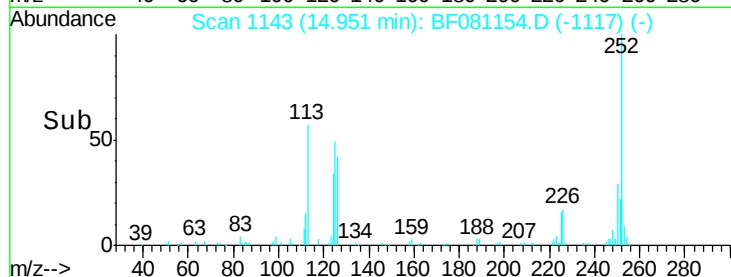
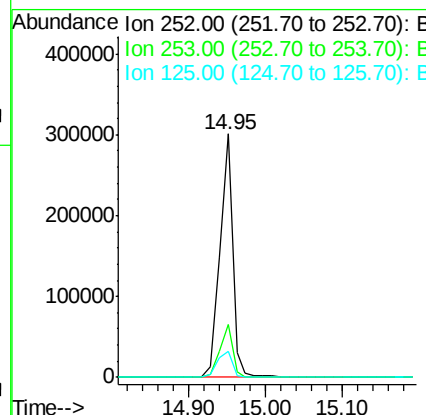
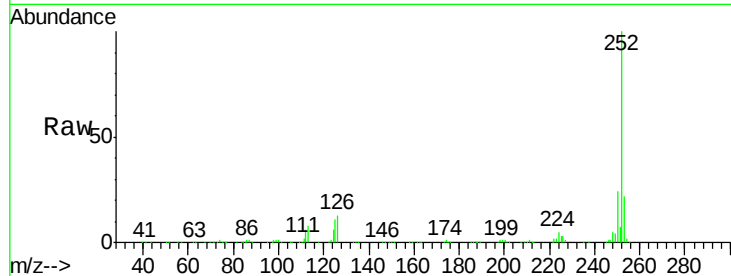




#89
Benzo(a)pyrene
Concen: 46.92 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

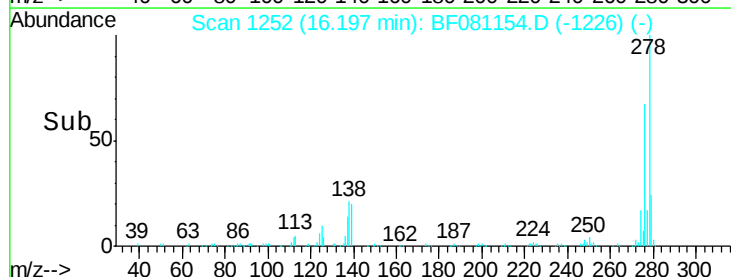
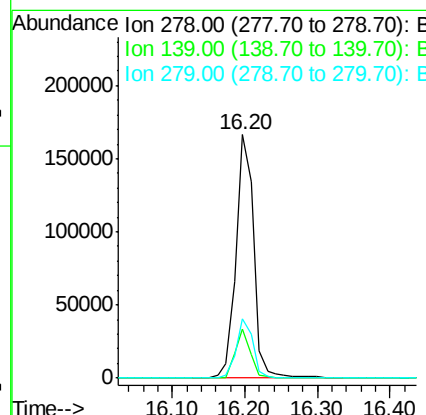
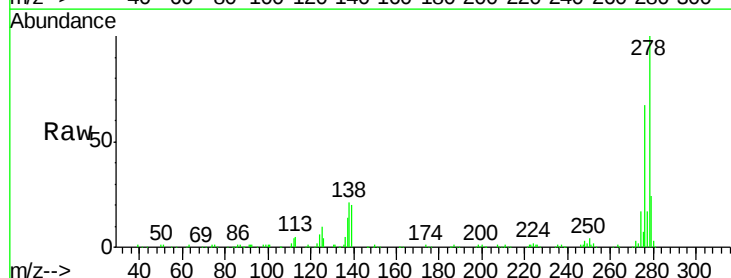
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	10.7	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 48.87 ng
RT: 16.20 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	10.8	16.2#
279	24.5	19.0	28.6

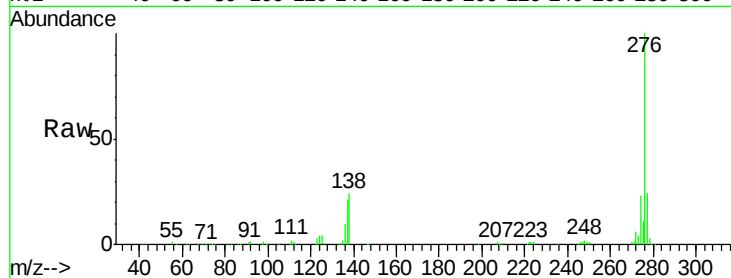




#91
 Benzo(a,h,i)perylene
 Concen: 44.94 ng
 RT: 16.54 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.2
138	24.4	13.7	20.5

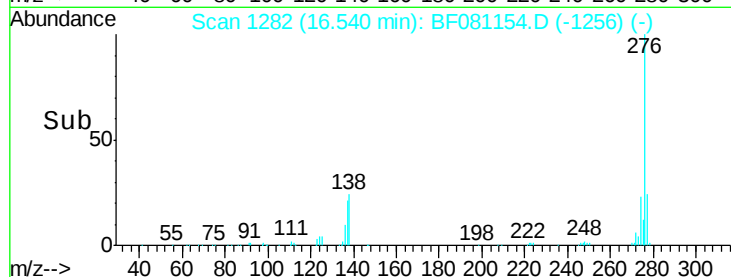
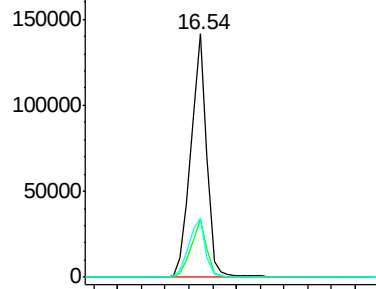


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->